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Universitatea de
Medicină și Farmacie
„Victor Babeș”
din Timișoara

P-ța Eftimie Murgu nr.2, Timișoara, cod 300041, România

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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 1/515/18.01.2016**

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- Ordinul nr. 3751/2015 de aprobare a Metodologiei-cadru referitoare la procesul de stabilire și de alegere a structurilor și funcțiilor de conducere la nivelul instituțiilor din sistemul național de învățământ superior,
- Regulamentul privind alegerile pentru funcțiile și structurile de conducere în mandatul 2016-2020, aprobat prin H.S. nr. 2/13180/20.10.2015,
- Calendarul alegerilor pentru funcțiile și structurile de conducere din cadrul Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, aprobat prin H.S. nr. 2/15025/23.11.2015,
- Normele de reprezentare în Senatul universității, aprobate prin H.S. nr. 2/12016/06.10.2015,
- Procesul verbal al Biroului Electoral al Universității nr. 485/18.01.2016,
- Procesul verbal privind rezultatele alegerilor studenților reprezentanți în Senatul universitar, nr. 259/12.01.2016.

Art.1. Senatul universitar validează rezultatele alegerilor privind obținerea unui mandat de membru în Senatul universitar, conform anexei nr. 1, parte integrantă din prezenta hotărâre.

Art.2. Senatul universitar validează rezultatele alegerilor organizate de studenți privind obținerea unui mandat de membru în Senatul universitar, conform anexei nr. 2, parte integrantă din prezenta hotărâre.

Art. 3. Prezenta hotărâre se comunică la:

- Rectorat,
- Prorectorate,
- Decanate,
- Direcția Generală Administrativă,
- Compartimentul juridic,
- Serviciul RUNOS,
- Societatea Studenților în Medicină (SSMT),
- Timisoara Dental Students Association (TDSA),
- Liga Studenților Farmaciști din Timișoara (LSFT),
- Departamentul Marketing, Relații publice și Consiliere, pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan



Secretar șef universitate,
Jr. Miriam Cătană



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Anexa nr. 1 la H.S. nr. 1/515/18.01.2016

**LISTA CADRELOR DIDACTICE CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN SENATUL
UNIVERSITAR, CONFORM PROCESULUI VERBAL AL BIROULUI ELECTORAL AL UNIVERSITĂȚII N
485/18.01.2016
LEGISLAȚURA 2016-2020**

NR.CRT.	FACULTATEA	DEPARTAMENTUL	NR DE LOCURI ALOCATE	CANDIDAT	NR.DE VOTU
1.	MEDICINĂ	I.-ANATOMIE ȘI EMBRIOLOGIE	2	BOLINTINEANU SORIN	312
2.				MATUSZ PETRU	344
3.	MEDICINĂ	II.-MORFOLOGIE MICROSCOPICĂ	2	DENEA ALICE LILIANA CARMEN	376
4.				PIIU MARIA	299
5.	MEDICINĂ	III.-ȘTIINȚE FUNCȚIONALE	2	MUNTEAN MIRELA DANINA	412
6.				PANAITESCU CARMEN	323
7.	MEDICINĂ	IV.- BIOCHIMIE ȘI FARMACOLOGIE	2	ANGHEL ANDREI	319
8.				DUMITRAȘCU VICTOR	320
9.	MEDICINĂ	V.- MEDICINĂ INTERNĂ I.	2	LIGHEZAN DANIEL FLORIN	413



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**LISTA CADRELOR DIDACTICE CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN SENATUL
UNIVERSITAR, CONFORM PROCESULUI VERBAL AL BIRoului ELECTORAL AL UNIVERSITĂȚII
485/18.01.2016
LEGISLATURA 2016-2020**

10.				TOMESCU MIRELA CLEOPATRA	320
11.	MEDICINĂ	VI.- CARDIOLOGIE	2	DRĂGAN SIMONA	336
12.				PETRESCU LUCIAN	385
13.	MEDICINĂ	VII.-MEDICINĂ INTERNĂ II.	2	SCHILLER ADALBERT	399
14.				SPOREA IOAN	325
15.	MEDICINĂ	VIII.-NEUROȘTIINȚE	2	ENACHE ALEXANDRA	351
16.				SIMU MIHAELA ADRIANA	350
17.	MEDICINĂ	IX.- CHIRURGIE I.	2	CRETU OCTAVIAN	384
18.				MAZILU OCTAVIAN	353
19.	MEDICINĂ	X.- CHIRURGIE II.	2	SÂNDESC DOREL	346



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LISTA CADRELOR DIDACTICE CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN SENATUL
UNIVERSITAR, CONFORM PROCESULUI VERBAL AL BIROULUI ELECTORAL AL UNIVERSITĂȚII
485/18.01.2016
LEGISLATURA 2016-2020

20.				VĂLCEANU DORU	328
21.	MEDICINĂ		2	BOIA EUGEN SORIN	347
22.		XI.- PEDIATRIE		POPOIU CĂLIN	328
23.			2	CRĂINA MARIUS	317
24.	MEDICINĂ	XII.-OBSTETRICĂ-GINECOLOGIE		SAS IOAN	360
25.			2	CRÎȘAN ALEXANDRU	390
26.	MEDICINĂ	XIII.- BOLI INFECTIOASE		OLARIU TUDOR RAREȘ	346
27.			2	LICKER MONICA	328
28.	MEDICINĂ	XIV.- MICROBIOLOGIE		VLAICU BRIGITHA	291
29.	MEDICINĂ	XV.-ORTOPEDIE-TRAUMATOLOGIE,	2	PĂTRAȘCU JENEL MARIAN	337



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**LISTA CADRELOR DIDACTICE CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN SENATUL
UNIVERSITAR, CONFORM PROCESULUI VERBAL AL BIROULUI ELECTORAL AL UNIVERSITĂȚII
485/18.01.2016
LEGISLATURA 2016-2020**

30.	UROLOGIE ȘI IMAGISTICĂ MEDICALĂ		PREJBEANU RADU	360
31.	MEDICINĂ XVI.-MEDICINĂ FIZICĂ ȘI BALNEOLOGIE, RECUPERARE MEDICALĂ ȘI REUMATOLOGIE	2	DRĂGOI MIHAI	334
32.			LUCA GABRIELA	317
33.			POROJAN LILIANA	305
34.	MEDICINĂ DENTARĂ	2	STRATUL ȘTEFAN	326
35.	MEDICINĂ DENTARĂ		PRICOP MARIUS	446
36.	MEDICINĂ DENTARĂ	1	LERETTER MARIUS-TRAIAN	381
37.	FARMACIE	1	ANDONI MIHAELA	411
38.	FARMACIE	1	ȘOICA CODRUȚA	404



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Anexa nr. 2 la H.S. nr. 1/515/18.01.2016

**LISTA STUDENȚILOR CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN SENATUL UNIVERSITAR, CONFORM
PROCESULUI VERBAL NR. 259/12.01.2016
LEGISLATURA 2016-2020**

NR. CRT.	FACULTATEA	NR. DE LOCURI ALOCATE	CANDIDAT
1.	MEDICINĂ	9	Stud. BONTEA FLORIN STELIAN
2.			Stud. BONDRESCU MARIANA
3.			Stud. BUMBESCU FLAVIUS
4.			Stud. CHEPTANARU LAURA
5.			Stud. COSTEA OCTAVIAN FLAVIU
6.			Stud. GROZĂVESCU ALEXANDRU
7.			Stud. ROI ANDREI
8.			Stud. SIMIONESCU MARIUS
9.			Stud. TEODORESCU MIHAI ADRIAN
10.	MEDICINĂ DENTARĂ	2	Stud. CĂBULEA RĂZVAN
11.			Stud. STAN ADRIAN TUDOR
12.	FARMACIE	2	Stud. TRAISTĂ BIANCA ROXANA
13.			Stud. CÎRCIOBAN DENISA LAURA



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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 2/515/18.01.2016**

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- Ordinul nr. 3751/2015 de aprobare a Metodologiei-cadru referitoare la procesul de stabilire și de alegere a structurilor și funcțiilor de conducere la nivelul instituțiilor din sistemul național de învățământ superior,
- Regulamentul privind alegerile pentru funcțiile și structurile de conducere în mandatul 2016-2020, aprobat prin H.S. nr. 2/13180/20.10.2015,
- Calendarul alegerilor pentru funcțiile și structurile de conducere din cadrul Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, aprobat prin H.S. nr. 2/15025/23.11.2015,
- Normele de reprezentare în Consiliile Facultăților de Medicină, Medicină Dentară și Farmacie, aprobate prin H.S. nr. 2/12016/06.10.2015,
- Procesul verbal al Biroului Electoral al Universității nr. 485/18.01.2016,
- Procesul verbal al alegerilor reprezentaților studenților în Consiliul Facultății de Medicină, nr. 127/15.01.2016,
- Procesul verbal al alegerilor reprezentaților studenților în Consiliul Facultății de Medicină Dentară, nr. 530/18.01.2016
- Procesul verbal al alegerilor reprezentaților studenților în Consiliul Facultății de Farmacie și în Senatul universitar, nr. 334/13.01.2016.

Art.1. Senatul universitar validează rezultatele alegerilor privind obținerea unui mandat de membru în Consiliul Facultății de Medicină, în legislatura 2016-2020, conform Anexei nr. 1, parte integrantă din prezenta hotărâre.

Art.2. Senatul universitar validează rezultatele alegerilor privind obținerea unui mandat de membru în Consiliul Facultății de Medicină Dentară, în legislatura 2016-2020, conform Anexei nr. 2, parte integrantă din prezenta hotărâre.

Art.3. Senatul universitar validează rezultatele alegerilor privind obținerea unui mandat de membru în Consiliul Facultății de Farmacie, în legislatura 2016-2020, conform Anexei nr. 3, parte integrantă din prezenta hotărâre.

Art. 4. Prezenta hotărâre se comunică la:

- Rectorat,
- Prorectorate,
- Decanate,
- Direcția Generală Administrativă,
- Compartimentul juridic,
- Serviciul RUNOS,
- Societatea Studenților în Medicină (SSMT),
- Timișoara Dental Students Association (TDSA),
- Liga Studenților Farmaciști din Timișoara (LSFT),
- Departamentul Marketing, Relații publice și Consiliere, pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan

Lighezan

Secretar șef universitate,

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M. Cătană
Vizat juridic,

Prof. dr. Codrina Mihaela Lovin



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Anexa nr. 1 la H.S nr. 2/515/18.01.2016

LISTA CADRELOR DIDACTICE ȘI A STUDENȚILOR CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN CONSILIUL FACULTĂȚII DE MEDICINĂ, CONFORM PROCESELOR VERBALE CU NR. 485/18.01.2016 ȘI NR. 127/15.01.2016

NR. CRT.	CANDIDAT	NR. DE VOTURI	DEPARTAMENTUL	NR. DE LOCURI ALOCATE
CADRE DIDACTICE				
1.	ȘISU ALINA	335	I.-ANATOMIE ȘI EMBRIOLOGIE	1
2.	CORNIANU MARIA	267	II.-MORFOLOGIE MICROSCOPICĂ	1
3.	LUNGEANU DIANA	263	III.-ȘTIINȚE FUNCȚIONALE	2
4.	NEAGU ADRIAN	309		
5.	ȘECLĂMAN EDWARD	263	IV.- BIOCHIMIE ȘI FARMACOLOGIE	1
6.	MIHĂESCU RODICA	349	V.- MEDICINĂ INTERNĂ I.	1
7.	MORNOȘ CRISTIAN	259	VI.- CARDIOLOGIE	1
8.	VLAD ADRIAN	312	VII.-MEDICINĂ INTERNĂ II.	1
9.	CHIRILEANU RUXANDA-DANA	269	VIII.-NEUROȘTIINȚE	1



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Anexa nr. 1 la H.S. nr. 2/515/18.01.2016

LISTA CADRELOR DIDACTICE ȘI A STUDENȚILOR CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN CONSILIUL FACULTĂȚII DE MEDICINĂ, CONFORM PROCESELOR VERBALE CU NR. 485/18.01.2016 ȘI NR. 127/15.01.2016

10.	POENARU MĂRIOARA	316	IX.- CHIRURGIE I.	1
11.	BEDREAG OVIDIU	289	X.- CHIRURGIE II.	1
12.	POPOIU CĂLIN	296	XI.- PEDIATRIE	1
13.	SAS IOAN	287	XII.-OBSTETRICĂ-GINECOLOGIE	1
14.	MARINCU IOSIF	328	XIII.- BOLI INFECTIOASE	1
15.	BERCEANU-VĂDUVA DELIA	251	XIV.- MICROBIOLOGIE	1
16.	FLORESCU SORIN	246	XV.-ORTOPEDIE-TRAUMATOLOGIE, UROLOGIE ȘI IMAGISTICĂ MEDICALĂ	1
17.	POPA DANIEL	327	XVI.-MEDICINĂ FIZICĂ ȘI BALNEOLOGIE, RECUPERARE MEDICALĂ ȘI REUMATOLOGIE	1
STUDENȚI				
18.	COSTEA OCTAVIAN FLAVIU			
19.	CAPLESCU DIANA			
20.	HUBEISHIE AMIR			



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Anexa nr. 1 la H.S nr. 2/515/18.01.2016

LISTA CADRELOR DIDACTICE ȘI A STUDENȚILOR CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN CONSILIUL FACULTĂȚII DE MEDICINĂ, CONFORM PROCESELOR VERBALE CU NR. 485/18.01.2016 ȘI NR. 127/15.01.2016

21.	FILIP COSMIN
22.	POPOVICI SONIA
23.	PREDĂ ROLAND
24.	RITU STELIAN
25.	ROCA EDUARD
26.	TIRZIU MARIA
27.	TRANDAFIR CORNELIA
28.	VIOR LILIANA
29.	VOICENCU OANA
30.	VUG VLAD



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Anexa nr. 2 la H.S nr. 2/515/18.01.2016

**LISTA CADRELOR DIDACTICE ȘI A STUDENȚILOR CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN CONSIL
FACULTĂȚII DE MEDICINĂ DENTARĂ, CONFORM PROCESELOR VERBALE CU NR. 485/18.01.2016 ȘI NR.
530/18.01.2016**

NR. CRT.	CANDIDAT	NR. DE VOTURI	DEPARTAMENTUL	NR. DE LOCURI ALOCATE
CADRE DIDACTICE				
1.	SINESCU COSMIN	54	DEPARTAMENTUL I	1
2.	TALPOȘ ȘERBAN	46	DEPARTAMENTUL II	1
3.	MĂRCĂUȚEANU CORINA	34	DEPARTAMENTUL III	1
STUDENȚI				
4.	AVRAM MĂDĂLINA			
5.	CĂBULEA RĂZVAN			
6.	STAN ADRIAN TUDOR			



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Anexa nr. 3 la H.S nr. 2/515/18.01.2016

LISTA CADRELOR DIDACTICE ȘI A STUDENȚILOR CARE AU OBTINUT UN MANDAT DE MEMBRU ÎN CONSILIUL FACULTĂȚII DE FARMACIE, CONFORM PROCESELOR VERBALE CU NR. 485/18.01.2016 ȘI NR. 334/13.01.2016

NR. CRT.	CANDIDAT	NR. DE VOTURI	DEPARTAMENTUL	NR. DE LOCURI ALOCATE
CADRE DIDACTICE				
1.	LEDEȚI ADRIANA	30	DEPARTAMENTUL I	2
2.	VLAIA VICENȚIU	30		
3.	ȘOICA CODRUȚA	32		
4.	VLAIA LAVINIA	31	DEPARTAMENTUL II	2
STUDENȚI				
5.	CÎRCIOBAN DENISA LAURA			
6.	BUIA BOGDAN			
7.	CĂRĂȘEL IOANA SILVIA			



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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 3/515/18.01.2016**

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF „Victor Babeș” din Timișoara,
- Solicitarea d-lui dr. Iulius Jugănar, manager al Spitalului Clinic CF Timișoara, nr. 15582/07.12.2015,
- Hotărârea Consiliului de Administrație din 16.12.2015.

Art. 1. Senatul universitar nominalizează pe d-nul ș.l. dr. Cristian Dragoș Banciu pentru a face parte, ca membru supleant, din Consiliul de Administrație al Spitalului Clinic CF Timișoara.

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- Decanatul Facultății de Medicină,
- D-nul dr. Iulius Jugănar, manager al Spitalului Clinic CF Timișoara,
- Serviciul RUNOS,
- Compartimentul juridic,
- Departamentul Marketing, Relații publice și Consiliere, pentru a fi adusă la cunoștință tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan

Secretar șef universitate,
Jr. Miriam Cătănă

Vizat juridic,
C. j. dr. Codrina Mihaela Levai



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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 4/515/18.01.2016**

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- Hotărârea Consiliului de Administrație din 16.12.2015.

Art. 1. Senatul universitar aprobă majorarea/modificarea cuantumului taxei de studii de rezidențiat pentru cetățenii non UE, începând cu anul universitar 2016/2017, astfel: pentru domeniul Medicină, respectiv Farmacie de la 340 euro/lună la 454 euro/lună (5000 euro/an); pentru domeniul Medicină Dentară de la 340 euro/lună la 545 euro/lună (6000 de euro/an).

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- Prorectorate,
- Decanate,
- Departamentul Relații Internaționale,
- Direcția Generală Administrativă,
- Serviciul Financiar-Contabil,
- Serviciul RUNOS,
- SSMT,
- Compartimentul juridic,
- Departamentul Marketing, Relații publice și Consiliere, pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan

Secretar șef universitate,
Jr. Miriam Cătană

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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 5/515/18.01.2016**

„Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF „Victor Babeș” din Timișoara,
- Propunerea d-nei prof. univ. dr. Diana Lungeanu, nr. 16197/15.12.2015,
- Avizul prorectorului științific nr. 25/04.01.2016,
- Hotărârea Consiliului de Administrație din 12.01.2016.

Art. 1. Senatul universitar aprobă acordarea titlului de Visiting Professor al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, d-nei Rochelle E. Tractenberg, conferențiar la Georgetown University, Washington DC, Statele Unite ale Americii.

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- D-na prof. univ. dr. Diana Lungeanu,
- Prorectoratul Științific,
- Departamentul Relații Internaționale,
- Serviciul RUNOS,
- Compartimentul juridic,
- Departamentul Marketing Relații publice și Consiliere, pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan

Secretar șef universitate,
Jr. Miriam Cătană

Vizat juridic,
C. j. dr. Codrina Mihaela Levai



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din Timișoara

PRORECTORATUL ȘTIINȚIFIC

DEPARTAMENTUL de CERCETARE și MANAGEMENT al GRANTURILOR

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UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
VICTOR BABEȘ DIN TIMIȘOARA



Integrare 25
din 04.01.2016

L. Lucianțu Ștefan

Către

CONSILIUL DE ADMINISTRATIE

Al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara

In atenția

Domnului Prof.Dr. Marius RAICA

Rectorul Universității de Medicină și Farmacie „Victor Babeș” din Timișoara

Subsemnatul Prof. Dr. MATUSZ PETRU, Prorector pentru Cercetarea Științifică, am analizat documentația depusă de Doamna Profesor Diana Lungeanu, care propune acordarea Titlului de **PROFESOR INVITAT** al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, Doamnei **ROCHELLE E. TRACHTENBERG** de la Georgetown University, Washington DC, Statele Unite ale Americii.

Doamna **ROCHELLE E. TRACHTENBERG** are o activitate științifică remarcabilă, atât în domeniul Biostatisticii, Bioinformaticii, Biomatematicei și Neurologiei.

Doamna **ROCHELLE E. TRACHTENBERG** îndeplinește criteriile actuale pentru acordarea Titlului de **PROFESOR INVITAT** al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara. Propun demararea demersurilor tehnice necesare în vederea acordării titlului.

04.01.2016

Prof. Dr. Petru MATUSZ
Prorector

P. Matusz

Departament III Științe Funcționale
Disciplina de Informatică și Biostatistică Medicală

UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
VICTOR BABEȘ DIN TIMIȘOARA

Înregistrare 16.12.15
din 15 12 2015

Prof. Răduț, profesor dr.
Către CONDUCEREA

Universității de Medicină și Farmacie "Victor Babeș" din Timișoara

Stimate Domnule Rector,

Subsemnata Diana Lungeanu, va solicit aprobarea statutului de **profesor invitat** la Universitatea noastră și emiterea unei invitații oficiale pentru doamna Rochelle E. Tractenberg, conferențiar la *Georgetown University*, Washington DC, Statele Unite ale Americii.

Rochelle E. Tractenberg ar urma să facă o vizită în Universitatea noastră în ultima decadă a lunii ianuarie 2016, în continuarea unei vizite în Marea Britanie. Menționez că susținerea financiară a vizitei ar fi suportată parțial de către organizatorii workshop-ului din Marea Britanie și, o altă parte, dintr-un proiect al doamnei Tractenberg, urmând ca Universitatea noastră să contribuie doar la finanțarea cazării în Timișoara.

Activități propuse în cadrul vizitei: un workshop pe teme de etică în prelucrarea datelor biomedicale; un workshop pe tema învățării sustenabile, ce face parte dintr-un proiect mai lung (desfășurat parțial *on-line*) de dezvoltare a resursei umane pentru transferul optim de cunoștințe și deprinderi pe termen lung în cadrul cursurilor interdisciplinare.

Menționez faptul că doamna Tractenberg este conferențiar la Departamentul de Neurologie, la Departamentul de Biostatistică, Bioinformatică și Biomatematică și la cel de Recuperare Medicală din cadrul *Georgetown University Medical Center*. În plus, ea este *NRH Research Fellow*, consultant în biostatistică, neuropsihometrie și trialuri clinice pentru *Federal Trade Commission* și este specialist în *Medical Education Research*.

Doamna Tractenberg este *reviewer* pentru reviste științifice prestigioase și face parte din board-ul editorial la: *Assessment and Evaluation in Higher Education* (Editorial Board din 2011), *Contemporary Clinical Trials – Protocols and Statistical Design* (Associate Editor din 2008), *Public Library of Science (PLOS) ONE* – Section Editor (2014 – prezent) și Academic Editor (2010-2013).

Anexez la prezenta solicitare CV-ul doamnei Rochelle E. Tractenberg.

Va mulțumesc,

Timișoara,

15 decembrie 2015

Coordonator Disciplina de Informatică și
Biostatistică Medicală,



Prof. dr. ing. Diana Lungeanu

C V - ROCHELLE ELAINE TRACTENBERG, PhD, MPH, PStat®

Department of Neurology
291 Building D
Georgetown University
4000 Reservoir Road, NW
Washington, D. C., 20057
202.687.2247
ret7@georgetown.edu

https://georgetown.digication.com/tractenberg_teaching_portfolio/Teaching_Portfolio_Rochelle_Tractenberg//
https://georgetown.digication.com/professional_statistician_pstat_portfoliotractenberg/Home//

EDUCATION

Undergraduate Education

University of California, Santa Barbara
Santa Barbara, CA.
Jan 1987 – Jun 1991

B. A., Philosophy/Analytical Reasoning.

B. S., Biopsychology, Spring 1991. Senior Thesis title: Exploring unitization: An experiment with reading disabled subjects. Thesis advisor: Mary Hegarty. (Thesis published in UCSB undergraduate journal of independent research (1991). Discovery, 14: 174-193.)

Graduate Education

University of California, Irvine; Irvine, CA.
Sept 1991 – March 1997

M. A., Social Science (Psychology Emphasis) 1996. Thesis title: Frequency, function, phonology, and the missing letter effect. Thesis advisor: Mary-Louise Kean.

Ph. D., Psychology (Cognitive Sciences) 1997. Thesis title: Towards an understanding of reading disability: A comparison of the component reading skills of deaf and reading disabled adults. Thesis advisor: Geoffrey Iverson.

California State University, San Diego; San Diego, CA.
Sept 1999 – June 2002

M. P. H. (Biostatistics/Biometry Emphasis). Thesis title: A comparison of regression modeling of outcome as change score and pattern-mixture mixed-effects modeling of outcome as repeated measure in a clinical trial of prednisone for the treatment of Alzheimer's disease. Thesis advisor: Donald Slymen.

University of Maryland, College Park; College Park, MD.
Sept 2004 – May 2009

Doctoral-level Graduate Certificate in Gerontology, 2006.

Ph. D., Measurement, Statistics and Evaluation 2009. Thesis title: Accuracy and consistency in discovering dimensionality by correlation constraint analysis and common factor analysis. Thesis advisors: Gregory Hancock, Robert Mislevy.

AAMC Group on Educational Affairs, Washington, DC
Jan 2009- Dec 2009.

Medical Education Research Certificate (MERC), 2010.

Poynter Center for the Study of Ethics and American Institutions, Bloomington, IN
May 2012
Teaching Research Ethics Workshop (4 days)

**PROFESSIONAL
EXPERIENCE**

Associate Professor, with tenure (primary appointment).
Department of Neurology, Georgetown University Medical Center, Washington, D.C.

2012- present

Assistant Professor 2006 – 2012.

Associate Professor (secondary appointment)
Department of Biostatistics, Bioinformatics & Biomathematics, Georgetown University Medical Center, Washington, D.C.

2012 – present.

Assistant Professor 2003 –2006 (research track); 2006-2012 tenure track.

Associate Professor (secondary appointment)
Department of Rehabilitation Medicine, Georgetown University Medical Center, Washington, D.C.

2015 – present

NRH Research Fellow
National Rehabilitation Hospital, Washington, D.C.

2014-present.

Consultant (biostatistics, neuropsychometrics, clinical trials, outcomes)
Federal Trade Commission

Washington, D. C.

2014- present.

Associate Professor (secondary appointment)
Department of Psychiatry, Georgetown University Medical Center, Washington, D.C.

2012 – 2015.

Assistant Professor 2003 –2006 (research track); 2006-2012 tenure track.

Psychometrician (standard setting, application for accreditation, consultation, exam results)
Certification Board for Nutrition Specialists

La Grange, IL

2012- 2013.

Assistant Professor, Applied Biostatistics.
Virginia Tech/GU Science Leaders Program, FDA Center for Devices and Radiological Health,
Rockville, MD.

2004.

Assistant Professor, Research Track.
Center for Population and Health, Georgetown University, Washington, D.C.
2002 –2003.

Researcher and Biostatistician.
Alzheimer's Disease Cooperative Study, University of California, San Diego
1997 – 2002.

Staff Research Associate / Post-Doctoral Researcher (Advisor: Carol Padden).
Research Program in Language and Literacy, University of California, San Diego
1996 – 1999.

**PROFESSIONAL
EXPERIENCE,**
con't

Professional Experience, Cont.

Teaching Assistant. Abnormal Psychology, History of Psychology, Introduction to Psychology, Psychology and Language.
School of Social Sciences, University of California, Irvine
1995 – 1996.

Graduate Research Assistant.
Alzheimer's Disease Research Clinic, University of California, Irvine
1995.

Information Specialist (1994 – 1995)
Associate Information Specialist (1993 – 1994)
Research & Development, Allergan Pharmaceuticals, Irvine, CA.

Teaching Assistant Consultant. Completed 100+ hours of pedagogical training (per year);
Designed and implemented annual two-day Teaching Assistant Development for the School of
Social Sciences; designed and implemented pedagogically-oriented workshops throughout
each year for graduate students in the School.
Office of Instructional Development Services, University of California, Irvine
1993 - 1996

Teaching Assistant. Cognitive Psychology, Introduction to Psychology, Religion and Psychology,
Sensation and Perceptual Processes.
School of Social Sciences, University of California, Irvine
1991 - 1993

Research Assistant.
School of Social Ecology, University of California, Irvine
1991 – 1992

Student Teaching Assistant. Introduction to Experimental Psychology.
Department of Psychology, University of California, Santa Barbara
1991, Spring quarter.

Grader. Alternative Dispute Resolution, Environmental Law.
Department of Environmental Studies, University of California, Santa Barbara
1990 – 1991

**HONORS and
AWARDS**

Fellow of the American Statistical Association
American Statistical Association, Washington, DC.
Nominated (2016) for election as a Fellow. Nominator: Laurel Beckett, PhD.

JW Dixon Award for Excellence in Consulting
American Statistical Association, Washington, DC.
Nominee (2015). Nominator: Suzanne Groah, MD, MSPH.

Participant (stipend) - Discovering Patterns in Human Microbiome Data Workshop.
Statistical and Applied Mathematical Sciences Institute (SAMSI), Research Triangle Park, NC.
2015.

Honors and Awards, con't.

HONORS and
AWARDS,
con't

Penn Teaching Fellowship in Neuroethics
Center for Neuroscience and Society, University of Pennsylvania, Philadelphia, PA
Short-Term Visiting Fellowship, 24-29 June 2013
(competitive; funded by National Science Foundation)

John Eisenberg Career Development Award –to attend the AAMC Mid-Career Women Faculty
Professional Development Seminar (\$2000)
Georgetown Women in Medicine, Washington, DC.
2012 (one of two winners, competitive)

Summer Program on data-driven decisions in health care, Long-term Visiting Researcher.
Statistical and Applied Mathematical Sciences Institute, Research Triangle Park, NC.
Summer 2012 (fellowship declined).

JW Dixon Award for Excellence in Consulting
American Statistical Association, Washington, DC.
Nominee (2011). Nominator: Alex Dromerick, MD.

National Academy of Education/Spencer Fellowship Award
National Academy of Education, Washington, DC.
Semi-finalist (of 170 applicants).
April 2011.

Medstar Health Teaching Scholar, Medical Education Research Certificate Program
Medstar Health, Washington, D.C./ AAMC
2009-2010.

JW Dixon Award for Excellence in Consulting
American Statistical Association, Washington, DC.
Finalist (2010). Nominator: Kathryn Sandberg, PhD.

Estelle Ramey Mentorship Award
Georgetown University, Washington, D.C.
Finalist, 2009.

Summer Program on Psychometrics, Visiting Researcher.
Statistical and Applied Mathematical Sciences Institute, Research Triangle Park, NC.
2009.

Summer Institute on Aging Research Fellowship.
National Institutes of Health/National Institute of Aging
Summer 2008.

Summer Program on Multiplicity and Reproducibility in Scientific Studies, Long-term Visiting
Researcher.
Statistical and Applied Mathematical Sciences Institute, Research Triangle Park, NC.
2006.

Honors and Awards, con't.

HONORS and
AWARDS,
con't

Summer Institute on Aging Research Fellowship.
National Institutes of Health/National Institute of Aging
2006 – *fellowship declined*.

Summer Institute on Design and Conduct of Randomized Clinical Trials Fellowship.
National Institutes of Health/National Heart, Lung and Blood Institute.
2005.

Online Learning Initiative Faculty Workshop Fellowship (stipend).
Carnegie Mellon University, Pittsburgh, PA.
2005.

Research Starter Grant Award, "Modeling Changes in Cognitive, Functional and Behavioral Outcomes with Quality of Life in Alzheimer's disease".
Pharmaceutical Research and Manufacturers of America Foundation.
2005.

Apple Distinguished Educator.
Apple Computers, Inc.
2004.

Fellowship, Workshop on Clinical Trials in Psychopharmacology.
American Society of Clinical Psychopharmacology.
2004.

Faculty Fellowship, Colloquium on New Learning Environments.
Center for New Designs in Learning & Scholarship (CNDLS), Georgetown University.
2004.

California State University, San Diego
Selected (one of two students) to represent the university at the State University Research Competition.
2002.

University of California, San Diego
2000 Performance Award. For outstanding effort.
1999 Performance Award. For outstanding effort.
1998 Performance Award. For outstanding effort.

University of California, Irvine
1996 Regents' Dissertation Fellowship.
1995-6 Honoree. For excellence in service to graduate and undergraduate education.
1994-5 Honoree. For contributions to the quality of undergraduate education.

**PROFESSIONAL
SOCIETIES
(current)**

American Association for the Advancement of Science (2013-)
American Statistical Association (2005-)
Center for Integrated Latent Variable Research (University of Maryland, College Park)
(since est. in 2005) **Affiliated Scholar.**

**PUBLIC
SERVICE**

Journal Reviewer (2013-2015)

Assessment and Evaluation in Higher Education
Alzheimer's Disease and Associated Disorders
American Journal of Epidemiology
American Journal of Geriatric Psychiatry
BMC Medical Research Methodology – **Statistical Reviewer**
Contemporary Clinical Trials
Dementia and Geriatric Cognitive Disorders
Journal of Sleep Research
Neurobiology of Aging
Quality of Life Research
Public Library of Science (PLOS) ONE
Teaching and Learning in Medicine

Journal Editorial Boards:

Assessment and Evaluation in Higher Education –**Editorial Board (2011-)**
Contemporary Clinical Trials – **Associate Editor (2008-), Protocols and Statistical Design**
Public Library of Science (PLOS) ONE – **Section Editor 2014-present; Academic Editor (2010-2013). AD, Statistics, Psychometrics, and Neuropsychological Outcomes; Higher Education.**

Thesis Reviews:

Futoshi Yumoto (University of Maryland, 2011)
John Anderson (Georgetown University, 2007)
Ivy Estabrooke (Georgetown University, 2005)
Rebecca Ferrell (The Pennsylvania State University, 2003)

Service - CURRENT:

Working group on Evaluation & Metrics of Success , BD2K initiative (NIH-wide)
Co-chair
2015-present

Best Evidence in Medical and Health Professional Education (BEME)
Member, Advisory Board
2014-present

**PUBLIC
SERVICE, con't**

Service- CURRENT, con't:

Best Evidence in Medical and Health Professional Education (BEME)
Innaugural Member, Education Committee (BEC; est'd 2015)
2015-present

Best Evidence in Medical and Health Professional Education (BEME)
Member, BEME Review Editorial Committee (BREC)
2014-present

American Statistical Association
Vice-Chair, ASA Committee on Professional Ethics, **2014-present**
Member, ASA Committee on Professional Ethics (appointed by ASA President)
2013-present

Capitol Area Food Bank, Washington, DC
Volunteer (grant writing, outcomes development), Development
2011-present.

Statistics without Borders (SWB), American Statistical Association.
Developer and Director of SWB Mentorship Program
2015- present.
Member
2011 –present.

Service – COMPLETED

American Statistical Association
Chair, Working Group on Revising Professional Guidelines, ASA Committee on Professional Ethics (resulting in first revised version of Guidelines since 1999)
2013- 2015

Department of Defense Congressionally Directed Medical Research Programs
2015: Scientific Reviewer, Defense Medical Research and Development Program, Neurosensory and Rehabilitation Research.

National Institutes of Health/Center for Scientific Review, Washington, DC
2014: Ad Hoc Scientific (grants) Reviewer, Clinical Neuroscience and Neurodegeneration Study Section.

American Statistical Association
Advisor, Mentorship Program evaluation, ASA Committee on Applied Statisticians
2013

National Science Foundation, Washington, DC
2013: Ad Hoc Scientific (grants) Reviewer, Instruction and Technology Experiences for Students and Teachers (ITEST) Program.

**PUBLIC
SERVICE, con't**

Service- COMPLETED con't:

National Institutes of Health/Center for Scientific Review, Washington, DC
2012-2015: Ad Hoc Scientific (grants) Reviewer, ZRG1 F16-L (20) L - Fellowships:
Risk, Prevention and Health Behavior Study Section.

National Institutes of Health/National Institute on Aging, Washington, DC
2015: Ad Hoc Scientific (grants) Reviewer
2011-12: Ad Hoc Scientific (grants) Reviewer
Adult Psychopathology & Disorders of Aging (APDA) Study Section.

International Biometric Society, Eastern North American Region (ENAR)
Local Chair, for 2012 Meeting Washington, DC
2011-2012.

Department of Defense Congressionally Directed Medical Research Programs
2011: Scientific Reviewer, Defense Medical Research and Development
Program, Autism Pilot Research Program.

National Science Foundation, Washington, DC
2011: Ad Hoc Scientific (grants) Reviewer, Research and Evaluation on Education
in Science and Engineering (REESE) Program.

Department of Defense Congressionally Directed Medical Research Programs
2010: Scientific Reviewer, Defense Medical Research and Development
Program, Wound Infection and Healing.

Alzheimer's Association, Research Grant Program
Scientific Reviewer, 2009-2011.

Biostatistics and Informatics, Children's Research Institute. The Children's National
Medical Center, Washington, D.C.
Consultant, outcomes and latent variable modeling. 2007.

Children's National Medical Center IRB, Washington, D.C.
Independent statistical reviewer, April 2005.

Montgomery County Board of Elections, Rockville, MD.
Assistant Chief Election Judge, 2004-2006.

American Association for Higher Education/Carnegie Academy Campus Program,
University of Maryland, College Park, MD.
Member, UM working group (Cluster: Sustaining the Student Voice in the
Scholarship of Teaching and Learning).
2004- 2006.

Service -COMPLETED, con't:

Greater San Diego Science and Engineering Fair, San Diego, California
Volunteer Judge (Jr. and Sr. High School Science Fair).
2002.

Academic Senate, University of California, Irvine
1995-6: Appointee to Committees on Research and on Educational Policy.

Division of Undergraduate Education, University of California, Irvine
Panelist, Teaching Colloquy on advising for the job market.
February, 1996.

Graduate Professional Opportunities Program, University of California, Irvine
1995: Graduate Student Ambassador/Peer Advisor.
1995-6: Project Coordinator. Collected, or encouraged creation, campuswide,
of formal specifications of departmental requirements for graduate programs.

School of Social Sciences, University of California, Irvine
1993 - 96: Teaching Assistant Consultant. Mentored/consulted with graduate
teaching assistants across the School, emphasizing pedagogy in the university
setting; gave/organized workshops on pedagogy and instructional technology.

Division of Undergraduate Education, University of California, Irvine
April, 1993: Facilitator, Teaching Colloquy on mentoring graduate students.

INVITED LECTURES

(presenter= RET unless otherwise noted)

INVITED
LECTURES
(presenter=
RET unless
otherwise
noted)

Tractenberg, RE. Moderator, Organizer: Symposium on Strengthening Science and Scientists: Global Science Engagement by-Statisticians. American Association for the Advancement of Science (AAAS) Annual Meeting: Washington, DC (proposal @ 11779; Co-organizer Eric Vance, Virginia Tech).
February, 2016.

Tractenberg, RE & Yumoto F. Invited speaker: How weak measurement undermines research in aging. Center on Aging, University of Maine Bangor, ME. October 2015.

Tractenberg, RE & Yumoto F. Invited speaker: Challenges in the conceptualization and analysis of health services research. Eastern Maine Medical Center, Bangor ME.
October 2015.

Tractenberg, RE & Garver A. Invited speaker: Maintaining the primacy of the patient perspective in the development of patient-reported outcomes. Eastern Maine Medical Center, Bangor ME. October 2015.

INVITED
LECTURES,
con't

Invited Lectures, cont.

Tractenberg, RE. Invited speaker: The Mastery Rubric: supporting curriculum development, evaluation, and research. School of Mathematics and Statistics, University of Glasgow, Glasgow UK. September 2015.

Tractenberg, RE. Invited speaker: Neuroscience, Neurology, and the Bayesian Networks. Institute of Neurological Sciences, Queen Elizabeth University Hospital Center, University of Glasgow, Glasgow UK. September 2015.

Tractenberg, RE. Invited speaker: Program on Practical ethics: How academia, government, and industry can implement standards of practice for quantitative sciences. "Challenges and opportunities in teaching standards of the professional practice of quantitative science to graduate students in and outside of statistics programs." <talk given by Discussant, Jon Gelfond due to family emergency that prevented my conference attendance>. Joint Statistical Meetings 2015: Seattle, WA. (Session 211121) September, 2015.

Tractenberg, RE. Invited discussant: Session on Professionalism, Professional Identity, and Training for Ethical Statistical Practice. <comments delivered by Howard Hogan due to family emergency that prevented my conference attendance>. Joint Statistical Meetings 2015: Seattle, WA. (Session 211063) September, 2015.

Tractenberg, RE. Invited panelist: Symposium on Ethics in teaching and practicing statistics. "How formal training in the ASA Ethical Guidelines for Professional Practice can support collegiality, collaboration, and ethical science." International Statistical Institute (ISI) World Statistics Conference, Rio de Janeiro, Brazil. (Session IPS061) July, 2015.

Tractenberg, RE. What are YOU looking at? Leveraging IRB and IACUC requirements for power and statistics to strengthen your science. Naval Medical Research Center, Silver Spring, MD February 2015.

Tractenberg RE. Cultivating uncertainty: metacognition and statistics in the development of "scientific literacy" Center for Teaching Excellence, Loyola Marymount University, Playa Del Rey, CA. November, 2014.

Tractenberg, RE. Invited discussant: Symposium on Portfolios in Teaching and Assessment. Association for Medical Educators in Europe (AMEE) Conference, Milan, IT September, 2014.

Invited Lectures, cont.

INVITED
LECTURES,
con't

Yumoto F & Tractenberg RE. Examining feasibility and validity of asynchronous standard setting. CTB/McGraw-Hill Education, Monterey, CA (Presenter: F. Yumoto, via remote).
June, 2014.

Yumoto F & Tractenberg RE. Integrating measurement principles into patient-reported and health outcomes research. Eli Lilly Co., Indianapolis, IN. (Presenter: F. Yumoto)
April, 2014.

Tractenberg RE & Yumoto F. Mining, modeling, and measurement. Institute for Information Sciences, University of Southern California, Marina del Rey, CA
April, 2014.

Tractenberg RE. Quantitative Reasoning: what is it and why do you need it when what you're reading has been "peer reviewed"!? Federal Trade Commission, Washington, DC.
March, 2014.

Yumoto F & Tractenberg RE. How weak measurement undermines the credibility of claims in cognitive studies. Federal Trade Commission, Washington, DC.
March, 2014.

Tractenberg, RE. Metacognition and Excellence in Teaching: Engaging Faculty and Students in the Learning Enterprise. Center for Teaching Excellence, University of Hawai'i-Manoa, Honolulu, HI.
October, 2013.

Tractenberg, RE & FitzGerald, KT. The Mastery Rubric: Building a Curriculum that Supports Sustainable Learning. Bioethics Roundtable Lecture and Discussion Series, The Pellegrino Center for Clinical Bioethics, Georgetown University, Washington, DC.
October, 2013.

Yumoto F & Tractenberg RE. Psychometrics in Evidence-Based Medicine: Individualized Prediction with Bayesian Networks. Evidera (Corporate Headquarters), Bethesda, MD. (Presenter: F. Yumoto)
September, 2013.

Tractenberg, RE. Invited discussant: Symposium on Using Rubrics for Formative Purposes: Mapping the Process. "Metacognition, and the abilities to stimulate, recognize, and encourage it, are prerequisites for the effective use of formative rubrics" European Association for Research on Learning and Instruction (EARLI) 15th Biennial Conference, Munich, GER
August, 2013.

Invited Lectures, cont.

INVITED
LECTURES,
con't

Tractenberg, RE. Invited panelist: BioMaryland Traumatic Brain Injury Program, Panel on Diagnosis – The Latest in Brain Injury Assessment. BIO International Convention, Chicago, IL. April, 2013.

Tractenberg, RE. Invited panelist: BioMaryland Traumatic Brain Injury Program, Panel on Prevention–Reducing the Incidence of TBI. BIO International Convention, Chicago, IL. April, 2013.

Tractenberg, RE. The Mastery Rubric: Long term learning objectives for the development of “habits of mind”, not just “knowledge”. Capitol Area Food Bank, Washington, DC. November 2012.

Tractenberg RE. Translating the Mastery Rubric to develop short- and long-term staff and programmatic goals. Capitol Area Food Bank, Washington, DC. May, 2012.

Tractenberg RE. “measurement” in rehabilitation: variability as a behavioural and physiological outcome. Motor Control Symposium, National Rehabilitation Hospital, Washington, DC. April, 2012.

Tractenberg RE & Weissinger, P. Normative vs. criterion referenced test scores and decisionmaking: Starting the conversation. Preclinical Course Directors Meeting, Georgetown University School of Medicine, Washington, DC. January, 2012

Tractenberg, RE. Understanding “evaluation”: features of measurement and assessment in survey design, summarization, and reporting. Capitol Area Food Bank, Washington, DC. December, 2011.

Tractenberg, RE. “Systems”, “translational” & “individualized”: buzzwords made concrete with latent variable modeling. Neuroepidemiology of Aging Course, Rush University, Chicago, IL. November, 2011.

Tractenberg RE. Measurement and its invariance: modeling and analysis of cognition longitudinally and cross-culturally. International Conference on Alzheimer’s Disease - Measurement Session, Honolulu, HI. July, 2010.

Invited Lectures, cont.

INVITED
LECTURES,
con't

Tractenberg RE. Conceptualizing motor tasks as "outcomes". Motor Control Symposium, National Rehabilitation Hospital, Washington, DC. March, 2010.

Tractenberg RE. How I learned to stop fearing IRT and love the Rasch model. Statistical Seminar, Layton Center on Aging/Alzheimer's Disease Center, Oregon Health & Science University, Portland, OR. October, 2009.

Tractenberg RE. Modeling for statistical and clinical inference. Seminar, Oregon Health & Science University School of Nursing, Portland, OR. October, 2009.

Tractenberg RE. States, traits, and the selection and modeling of biomarkers in brain aging. Neuroscience Grand Rounds, Oregon Health & Science University School of Medicine, Portland, OR. October, 2009.

Tractenberg RE. Latent variable modeling with biomarkers in brain aging. Research in Progress Seminar, Institute for Aging Research/Harvard Medical School, Boston, MA. June, 2009.

Tractenberg RE. Statistical methods for variable selection and modeling in brain aging research. Mental Health and Aging Research group, Institute for Aging Research, Harvard Medical School, Boston, MA. June, 2009.

Tractenberg RE. Scaffolding in higher education: the independent project. Virginia Tech, Blacksburg VA. (Invitation from Associate Provost for Undergraduate Education) March, 2009.

Tractenberg RE. A Mastery Rubric: guiding curriculum design, admissions, and development of course objectives. Virginia Tech, Blacksburg VA. (Invitation from Associate Provost for Undergraduate Education and Associate Dean of Curriculum, Carilion Medical School at VT) March, 2009.

Tractenberg RE. The Table of Test Specifications: Mapping test domains and content with cognitive complexity and learning goals. Preclinical Course Directors Meeting, Georgetown University School of Medicine, Washington, DC. February, 2009.

Invited Lectures, cont.

INVITED
LECTURES,
con't

Tractenberg RE. Why reliability is not as useful as you might think in gerontological research. Measurement, Statistics, and Research Design Interest Group at the 61st Annual Gerontological Society of America Meeting. November, 2008.

Tractenberg RE. Psychometrics in health outcomes: promise and pitfalls. Forest Research Institute, Jersey City, New Jersey. November, 2008.

Tractenberg RE. Beyond factor analysis: Choosing the latent variable analytic method that matches the research question. University of Cincinnati Center for Biostatistical Consultation, Cincinnati, OH. August, 2008.

Tractenberg RE. Latent variable modeling in biomedical research. Thomas Jefferson University, Division of Biostatistics, Philadelphia, PA. March, 2008.

Tractenberg RE. Latent variables: theory-driven and causal modeling in the analysis of Alzheimer's disease. University of Vermont School of Medicine (Center for Research in Neuroscience), Burlington, VT. November, 2007.

Tractenberg RE. Latent variables in real problems: theory-driven and causal modeling in (the service of) biostatistical analysis. The Children's National Medical Center, Washington, D. C. April, 2007.

Tractenberg RE. Why is aging so costly? John Carroll Scholar Sophomore Seminar, Georgetown University, Washington, D.C. October, 2002.

Tractenberg RE. 'Emergence' as a summary and outcome measure. Department of Neurology, Georgetown University School of Medicine, Washington, D.C. May, 2002.

Tractenberg RE. Summarizing outcomes in language research. Salk Institute-UCSD American Sign Language Research meeting, University of California, San Diego. May, 2002.

Tractenberg RE. Reading and component skills in research and the classroom. Teacher Education Program, University of California, San Diego, La Jolla, CA. November, 1998.

Invited Lectures, con't

Tractenberg RE. Component skills in the reading of reading disabled and deaf adults. Center for Human Information Processing, University of California, San Diego, La Jolla, CA. July, 1995.

Tractenberg RE, Nickel M, & Krupnik G. Introduction and opening comments: Teaching as a set of learnable, improvable skills. Workshop presented at UCI Campus-Wide Teaching Assistant Training Session, University of California, Irvine, Irvine, CA. September, 1994.

**UNIVERSITY
SERVICE:**

Current University Service:

Georgetown University, Washington, D.C.

**Current
service:**

Founding Director, Best Evidence in Biomedical and Health Professions Education International Collaborating Center (BICC) [established at GUMC March 2014 by the Association for Medical Education in Europe (AMEE)]
2014-present.

Georgetown University, Washington, D.C.

Member, Steering Committee, Center for Innovation and Leadership in Education (CENTILE) [established 2013]
2013-present.

Georgetown University, Washington, D.C.

Co-Chair (with Kevin FitzGerald), Working Group on the Certification of Responsible Conduct of Research Training Mentors (est. 2011)
2011-present.

Georgetown University Medical Center, Washington, D.C.

Founder/Director, Collaborative for Research in Outcomes and -Metrics (CROM).
<http://crom.gumc.georgetown.edu>
2008-present.

Georgetown University School of Medicine, Washington, D.C.

Member, Section of Geriatrics (est. 2006).
2006 – present.

Past University Service: Past University Service

Georgetown University Medical Center, Washington, D.C.
Working Group on Teaching Academy membership, applications, and selection.
2014-2015.

Georgetown University, Washington, D.C.
Task Force on establishing the Teaching Academy at GUMC (in 2014), through the Center for Innovation and Leadership in Education (CENTILE, est. June 2013)
2013-2014

Georgetown University, Washington, D.C.
Member, Graduate Advisory Committee (Senate appointee)
2011-2015.

Georgetown University, Washington, D.C.
Invitee (on Dean's recommendation), Retreats to prioritize and inaugurate (2013) and to explore progress (2015) the Center for Innovation and Leadership in Education (CENTILE, est. June 2013)
July 2013; July 2015.

Georgetown University Medical Center & MedStar, Washington, D.C.
Partnership Grant Review Committee
2013.

Georgetown University, Washington, D.C.
Member, Healthcare Workforce Development Group (est. 2010)
2010-2012.

Georgetown University, Washington, D.C.
Member, CIRCLE Grant Review Committee
2015; 2011-12.

Georgetown University School of Medicine, Washington, D.C.
Member, Task Force on Reflection in the Medical Curriculum. Final report co-author.
2011-12.

Georgetown University Medical Center, Washington, D.C.
Member, Research Committee
2009-2015.

Georgetown University Medical Center, Washington, D.C.
Member, Task Force on the Responsible Conduct of Research
2009-2011.

**Past University
Service, con't:**

Past University Service, con't.

Georgetown University Medical Center, Washington, D.C.

Working group developing the Master's program in Clinical and Translational Research (MSCTR).

2007-2010.

Georgetown University Medical Center, Washington, D.C.

Member, Committee for Humanomics Symposium.

2007-2008.

Georgetown University Medical Center, Washington, D.C.

Member, Committee for CTSA (application) planning, Design, Biostatistics, and Ethics (DBE) Core.

2007-2008.

Georgetown University School of Medicine, Washington, D.C.

Member, Committee on Medical Education Subcommittee on Evaluation.

2005-2007.

Georgetown University School of Medicine, Washington, D.C.

Faculty Judge, Student Research Days Competition and Exposition.

2005.

Georgetown University Medical Center, Washington, D.C.

Member, Faculty Development Committee (Teaching Portfolio Subcommittee

Chair (2003-2006); Teaching and Pedagogy Subcommittee **Co-chair** (2006-2009)).

Georgetown University Medical Center, Washington, D.C.

Member, Leadership Team, Carnegie Initiative on the Doctorate (Interdisciplinary Program in Neurosciences).

2004-2006.

General Clinical Research Center Advisory Committee, Georgetown University, Washington, D.C.

Biostatistical reviewer.

2003-2006.

TEACHING ACTIVITIES	Graduate & Post-Graduate Teaching Activities
2002-present:	Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center, and The Catholic University of America, Washington, D. C.
Graduate & Post-Graduate	2013-2014: Working group to establish new joint MA program in Catholic Healthcare Bioethics; Director of Curriculum Development. Georgetown-Howard Universities Center for Clinical and Translational Science, Washington, D.C. 2013 (new course), Biomedical Research Ethics (CLTR 500-2). Co- developed course with Ethics collaborator, Dr. Kevin FitzGerald. Georgetown-Howard Universities Center for Clinical and Translational Science, Washington, D.C. 2012- 2014: (new course), Ethical Reasoning for Biomedical Research (CLTR 500-1). Co- developed course (based on Mastery Rubric) and co-instructor with Ethics collaborator, Dr. Kevin FitzGerald. Department of Biostatistics, Bioinformatics & Biomathematics, Georgetown University Medical Center, Washington, D.C. 2010- (new course), Statistical Literacy (BIST 504). Department of Biostatistics, Bioinformatics & Biomathematics, Georgetown University Medical Center, Washington, D.C. 2009- (new course), Outcomes in Biomedical Research (BIST 507). Georgetown University Medical Center, Washington, D. C. 2005- (new course) Advanced Biostatistical Methods (BIST 901, independent study). Georgetown University Medical Center, Washington, D. C. 2007-2010: Working group for MS program in Clinical and Translational Research; Director of Curriculum Development. Georgetown University Medical Center, Washington, D. C. 2006- 2007: Coordinator of Curriculum Development, Neurobiology of Disease Course beginning Fall 2006. Georgetown University Medical Center, Washington, D. C. 2006-2010: (new courses), Course Developer/Director, Conceptual Introduction to Biostatistics and Issues and Considerations in Experimental Design (BIST 500-01, 500-02). Georgetown University Medical Center, Washington, D. C. 2005- 2010: Director of Curriculum, DC Clinical Research Training Consortium; Fellowships beginning Fall 2006.

**TEACHING
ACTIVITIES
2002-present,
con't:**

Graduate & Post-Graduate Teaching Activities, con't

Virginia Tech/GU Science Leaders Program, FDA Center for Devices and Radiological Health, Rockville, MD.

2004: (course designed & taught) Applied Biostatistics (Winter, 2004 at FDA).

General Clinical Research Center, Georgetown University Medical Center, Washington, D.C.

February 2004. Facilitator, NIH Clinical Research Program for GUMC Fellows.

Department of Biostatistics, Bioinformatics & Biomathematics, Georgetown University Medical Center, Washington, D.C.

2003 –2004: (course redesigned & taught with two colleagues) Applied Biostatistics.

**Faculty
Development**

Faculty Development Teaching Activities

Georgetown University School of Nursing and Health Sciences, Washington, D.C.
Pilot Project to develop a community of practice around scholarly approaches to online teaching and learning. Funded through CENTILE and BICC FTE support for RET and supplemented by Dean of School of Nursing and Health Sciences. **2015-2016.**

Georgetown University School of Medicine, Washington, D.C.
Cognitive Complexity Workshops series (6 original workshops for faculty to understand cognitive complexity in multiple choice questions), funded by an intramural curriculum improvement grant to RET (2013-4).
2013-2014.

Georgetown University School of Medicine, Washington, D.C.
Preclinical Course Directors Meeting presentation, "Cognitive complexity, learning goals, and the table of test specifications support norm-, and not criterion-, referenced test building, scoring, and interpretation".
February, 2012.

Georgetown University School of Medicine, Washington, D.C.
Evidence-Based Medicine Instructors Meeting presentation, "Bloom's Taxonomy, a developmental trajectory, and instruction beyond one course: The Mastery Rubric".
May, 2011.

Georgetown University School of Medicine, Washington, DC. Pathology Department Annual Retreat presentation and workshop, "Evaluation and Evolution: Revising evaluations for "adaptive" feedback".
November, 2010.

Georgetown University, Washington, DC. Teaching, Learning and Innovations Summer Institute (TLISI) Workshop, "Analysis and interpretation of test items and total scores".
March, 2008.

COLLABORATIVE ACTIVITIES: **Joint Grants, active:**

NIH (PI: Van Horn; RET is co-investigator and PI of GU contract)

U24 ES026465-01

BD2K: Biomedical Data Science Training Coordination Center

Big Data U: Empowering Modern Biomedicine via Personalized Training

\$1,400,000 direct costs per year

\$45,000 (average annual direct costs *to GU*)

09/28/2015-09/27/2018

The major goals of this project are to establish a novel Training Coordinating Center (TCC) to coordinate the diverse activities occurring within the BD2K Training Consortium into a synergistic training effort. Over the long term, our efforts will cultivate a diverse network of data scientists that can propagate their knowledge and experience for generations to come. 15% FTE per year.

PCORI AD-1310-08215 (PI: Groah; RET is a Co-I, and PI of GU contract)

The Impact of Self-Management with Probiotics on Urinary Symptoms and the Urine Microbiome in Individuals with Spinal Cord Injury (SCI) and Spina Bifida (SB)

08/14 – 07/17

\$500,000 (average annual direct costs)

The long-term objective is to compare whether a probiotic-based patient-initiated urinary symptom self-management protocol reduces urinary symptoms and UTIs, and improves urinary health for people with SCI and SB. Responsibilities include design of study; psychometric analysis and validation of a new patient-reported instrument; statistical analysis of outcomes data, and collaboration on manuscripts/presentations. 20% average FTE per year.

Medstar Institute for Innovation (Co-PIs: Dromerick, Lum, & Tractenberg)

Grip Force Dynamometry for mTBI screening

3/15-2/17

\$100,000 annual direct costs

The assessment of mild traumatic brain injury (mTBI) includes determining who has/has not sustained an injury, as well as estimating the recovery trajectory and predicting when they will be able to return to work, play, or both in the case of athletes. This one-year proof-of-concept study will replicate results obtained in a small pilot study of the grip-based tracking task to discriminate mTBI from controls, and from those malingering as if they had mTBI from those who actually did sustain mTBI. (none of the PIs receive FTE support.)

Joint Grants, Pending:

Department of Defense (PI: Nash; RET is Co-investigator and PI of GU contract)

A Randomized Controlled Trial Comparing Statin and Niacin Monotherapies on Cardiovascular Disease after Spinal Cord Injury and Disease

1/2016-12/2020

\$45,000 (average annual direct costs *to GU*)

Four year clinical comparative effectiveness trial to study the mechanism of effects, effectiveness, and tolerability of a statin and extended release niacin on the functional, disease, and proxy biomarkers associated with risk for cardiovascular disease in persons with spinal cord injury. Average 12% FTE per year.

COLLABORATIVE ACTIVITIES, con't

Joint Grants, Pending (con't)

Department of Defense (Co-PI: Cowan; RET is Co-Principal Investigator and PI of GU contract)
Identification of meaningful reductions in manual wheelchair propulsion demand.
 1/2016-12/2020
 \$45,000 (average annual direct costs *to GU*)
 Four year investigator-initiated study of three aspects of wheelchair propulsion demand in order to estimate both the minimum achievable demand for a given wheelchair-user configuration and the optimal configuration to achieve the best (lowest) demand given the requirements for the user's daily life. 20% FTE per year.

Joint Publications with other GUMC faculty 2014-2015:

Published (* indicates RET corresponding author; †=RET senior author):

Tractenberg RE*, Gushta MM, Weinfeld J. (in press). The Mastery Rubric for Evidence-Based Medicine: Institutional validation via multi-dimensional scaling. *Teaching and Learning in Medicine*.

Steinmann M, Shuster J, Matei S, Collmann J, **Tractenberg RE**, Dolling L, Morgan G, Richardson D, Russell A. (forthcoming, 2015). Privacy in the Infosphere: Developing ethical guidelines for managing Big Data in Research. White paper supporting NSF-funded conference, Washington, DC April 2015.

Steinmann M, Shuster J, Collmann J, Matei S, **Tractenberg RE**, FitzGerald K, Morgan G, Richardson D. (2015). Embedding Privacy and Ethical Values in Big Data Technology. In: Matei, S. A., Russell, M., and Bertino, E. (Eds.). Transparency on Social Media - Tools, Methods and Algorithms for Mediating Online Interactions. New York: Springer.

Tractenberg RE* & FitzGerald KT. (2015). Responsibility in the conduct of Quantitative Sciences: Preparing future practitioners and certifying professionals. (presented at 2014 Joint Statistical Meetings, Boston, MA). Proceedings of the 2015 Joint Statistical Meetings, Seattle, WA.

Tractenberg RE*, Russell A, Morgan G, FitzGerald KT, Collmann J, Vinsel L, Steinmann M, Dolling LM. (2015). Amplifying the reach and resonance of ethical codes of conduct through ethical reasoning: preparation of Big Data users for professional practice. Science and Engineering Ethics. 21(6):1485-1507. DOI 10.1007/s11948-014-9613-1
<http://link.springer.com/article/10.1007/s11948-014-9613-1>

Donnelly M, Clauser J, **Tractenberg RE†**. (2014). A multicenter intervention to improve ambulatory care handoffs at the end of residency. Journal of Graduate Medical Education 6(1):112-6.

Tractenberg RE*, FitzGerald KT, Giordano J. (2014). Engaging Neuroethical Issues Generated by the Use of Neurotechnology in National Security and Defense: Toward Process, Methods, and Paradigm. In J. Giordano (Ed). Neurotechnology in National Security: Practical Considerations, Neuroethical Concerns. NY/Boca Raton: CRC Press. (Chapter 17).

Joint Publications with other GUMC faculty 2014-2015, con't:

Tractenberg RE*, FitzGerald KT, Collmann J, Giordano J. (2014) Big data impact upon neuroS/T use for influence and deterrence. In: DiEullis D, Casebeer W, Giordano J, Wright N, Cabayan H (eds.) *Strategic Multilayer Assessment Group Whitepaper on Leveraging Neuroscientific and Neurotechnological (NeuroS&T) Developments with Focus on Influence and Deterrence in a Networked World*. Strategic Multilayer Assessment Group, Joint Staff, J3, DDGO, OSD/ASD (R&E)/RSD/RRTO. [Governmental White Paper]

Donnelly M, Clauser J, **Tractenberg RE†**. (2014). Systematic training in Internal Medicine-Pediatrics End of Residency Clinic Handoffs: A National Survey of Med-Peds Program Directors. Teaching and Learning in Medicine 26(1):17-26. doi: 10.1080/10401334.2013.857334.

SCHOLARSHIP
AND RESEARCH:

RESEARCH GRANTS, not joint

Current Active –not joint

NSF (PI: Tractenberg)

A multidimensional and dynamic ethics education paradigm spanning the science career

08/12 –07/15; no cost extension to 07/16

\$65,000 (average annual direct costs)

The objective of this three-year Ethics Education in Science and Engineering (ESEE) project is to study the implementation of portfolio assessment for the documentation of individual development in ethical reasoning, focusing on faculty level mentors.

Best Evidence Medical Education (BEME) Association for Medical Education in Europe (AMEE)
(Director/PI: Tractenberg)

Best Evidence bioMedical Education (BEME) International Coordinating Center

Established at GUMC June 2014

(competitive application, but carries no funding)

This application created a **Best Evidence in Medical Education (BEME) International Collaboration Center (BICC)** at Georgetown University Medical Center that is housed within the newly-formed Center for Innovation and Leadership in Education (CENTILE). The stated goal of the BEME Collaboration is to do for education in the health professions what the Cochrane Collaboration has done for healthcare. Our objective in seeking to establish a BICC at GUMC is to actively support that goal by promoting excellence in education, evidence-informed teaching, and excellence in educational research. CENTILE (GUMC) covers 20% of FTE.

Current Pending-not joint

GHUCCTS 2015 Pilot Grant Program (PI: Tractenberg)

1 January – 31 December 2016

\$50,000 (direct costs)

Directed Acyclic Graphs, Bayesian Networks, and discharge planning in stroke

This one year pilot grant project seeks to Build interactive tools for stroke fellows and their mentors within the NIH funded Stroke National Capital Area Network for Research (SCANR) to explore variable relationships in a patient registry (Big Data) using unsupervised learning techniques. By achieving this aim, this project will also test and support the establishment of procedures and protocols for utilizing this very large dataset.

**SCHOLARSHIP
AND RESEARCH,
con't:**

COMPLETED RESEARCH GRANTS (GU ONLY, since 2002)

Mary Elizabeth Groff Surgical Medical Research and Education Charitable Trust (Co-PIs: Tractenberg & FitzGerald)

Portfolios Documenting a New Training Paradigm Supporting Responsible Conduct of Research in the Long Term

1/01/13-12/31/14

\$42,500 Annual direct costs (No salary support)

This 2-year project studies the engagement with the Co-PI's new RCR training paradigm by PhD students at the outset of their careers. We received funding for a second year, in order to develop sufficient data from doctoral students that can support future grant proposals to federal and non-federal sources in support of portfolio documentation of RCR training development.

Curricular Innovation, Research, and Creativity in Learning Environment (CIRCLE) – intramural (GUMC)

(PI: Tractenberg)

07/13 – 06/14

Cognitive complexity training to support cross-discipline multiple choice exam item evaluation

Direct costs: \$25,000 (one year)

This project supported the development and pilot testing of a series of six workshops to train content matter experts (course directors) to review multiple choice exam items for domains *other* than that in which they teach. The workshops were designed based on a manuscript published in 2013 that was based on a previously funded CIRCLE grant.

Rush Alzheimer's Disease Research Center (unsolicited proposal) (PI: Tractenberg)

01/12 – 06/13

Latent variable and multivariate modeling of cognitive, clinical, and brain aging.

Avg. Annual Direct Costs: \$15,000

The research goals of this project were to build, test and validate clinically sound latent variable models for cognitive, clinical, and brain aging and clinically meaningful change in the ROS and MAP (longitudinal, large-scale community based) cohorts.

Assistive Technology and Research Center/Department of the Army (unsolicited proposal) (PI: Dromerick).

07/11 – 10/12

Assessment of motor system function in the first days after brain injury: continuation of data analyses

\$15,000 (total direct costs)

This one-year intramural project was supported by funding to NRH from the Department of Defense. The goals of this project were to:

1. Evaluate the performance of piloted, physical assessments (grip dynamometry, tapping, and the kinematic and strength measures summarized as peak grip strength, variability of grip strength within session (individual standard deviation), active range of motion, smoothness, and trajectory error), relative to standard clinical measures, in the acute hospital and rehabilitation settings in medically stable stroke and TBI patients and in selected patients who have rapidly changing neurological status; and
2. Evaluate associations between changes on piloted assessments with changes on the clinical measures. I am a co-investigator and will be conducting the statistical analyses. (10% FTE)

**SCHOLARSHIP
AND RESEARCH,
con't**

COMPLETED RESEARCH GRANTS (since 2002), con't

Alzheimer's Disease Cooperative Study (unsolicited proposal) (PI: Tractenberg)
07/11 – 09/12

Latent variable and multivariate modeling of ADCS data.

Avg. Annual Direct Costs: \$43,815

The research goals of this project were to create and test clinically sound latent variable models for cognitive aging and clinically meaningful change in ADCS data sets.

Memory Disorders Program, Georgetown University Pilot Grant Program
(PI: Tractenberg)

07/10 – 06/12

Statistical methods for biomarker selection and modeling in AD

Direct costs: \$49,738 (two years)

This project compared two statistical methods for identifying key biomarkers in the detection of Alzheimer's disease and mild cognitive impairment. The methods are Bayesian variable selection and correlation constraint analysis. Both are algorithmically driven to search the sample <model> space and both return families of models, rather than single 'best' models.

NIA 1K01AG027172 (PI: Tractenberg)

07/06 – 06/11, no cost extension to 12/11

Latent variable analysis in cognitive aging and executive function.

Annual direct costs: \$116,750

The major research goals of this project were to create and test clinically sound latent variable models for cognitive aging and executive function.

Curricular Innovation, Research, and Creativity in Learning Environment (CIRCLE) – intramural (GUMC)

(PI: Tractenberg) 07/10 – 06/11

Concept mapping to improve the curriculum for Evidence-Based Medicine

Direct costs: \$19,000 (one year)

This study combined concept maps (CMs) and a mastery rubric (MR) to achieve two aims in revamping the Evidence-Based Medicine (EBM) curriculum:

1. Create CMs for two groups of EBM instructors (clinical, nonclinical). Determine whether these groups differ in their conceptual organization of EBM, and estimate the consistencies of the groups' maps over time.
2. Use the CMs to develop a MR for the EBM curriculum. The MR identifies the knowledge, skills and abilities (KSAs) targeted by the curriculum, with 3-4 performance levels, where the highest level represents the ideal student.

Navy Health Research Center/Department of the Navy (PI: Dromerick).

(PI: Dromerick)

06/10-05/11

Grip force control as a diagnostic tool for mTBI

\$209,000 (total direct annual costs)

The goal of this project was to perform a preliminary evaluation of a method for screening individuals with suspected mild traumatic brain injury (TBI) suitable for forward use. This proof of the concept that the task can function as a diagnostic tool for mTBI emphasized finding the summary/summaries that represent the best reproducibility and maximizing both sensitivity and specificity. I was a co-investigator and the statistician who developed and validated the best summary of performance on the task. (10% FTE).

**SCHOLARSHIP
AND RESEARCH,
con't**

COMPLETED RESEARCH GRANTS (since 2002), con't

NIH 1 K30 RR022272 (PI: Umans, Medicine)

11/05-10/10

DC Clinical Research Training Consortium

This project developed the DC Clinical Research Training Consortium (CRTC). The CRTC program recruited and trained clinicians in mentored research positions, junior faculty, clinical subspecialty fellows, residents, and advanced postdoctoral non-physician clinicians in the core skills needed to perform patient-oriented research. I designed & directed the development, and assessment of, this curriculum. My 10% FTE was contributed in kind 2006-2010

Curricular Innovation, Research, and Creativity in Learning Environment (CIRCLE) – intramural (GUMC)

(PI: Tractenberg) 07/08 – 06/09

Targeting higher order thinking in SOM testing

Direct costs: \$20,000 (one year)

To integrate higher order thinking (HOT) into the undergraduate curriculum, this proposal sought salary support for the PI to analytically and empirically separate HOT from difficulty in test items. The PI's experience and expertise in statistical modeling, assessment, and cognitive psychology were used to obtain specific evidence of the desired types of HOT contained in existing test items. The project was intended to support the revision of existing, and development of new, test items that reflect the kind of HOT desired. With HOT reflected in the tests, integrating such cognitive processing into the courses themselves will follow.

Pharmaceutical Research and Manufacturers of America Foundation, Research Starter Grant
(PI: Tractenberg) 01/05-06/07

Modeling Changes in Cognitive, Functional and Behavioral Outcomes with Quality of Life in Alzheimer's disease

Annual direct costs: \$30,000 (2 years; 6-month no cost extension).

Statistical models of the natural history of AD have focused on cognitive decline and have depended on increasingly complex analytic methods. Motivated by recent evidence of independence in progression within these three symptom domains as reflected in key outcome measures, this project focused instead on increasing the complexity of the symptoms modeled: the proposal was to build analytic models based on multiple symptom outcomes. Analyses replicated earlier findings of independence of changes in symptoms within these three domains in two different patient cohorts, and were extended to assess the correlation between symptomatic changes and quality of life (QOL).

Curricular Innovation, Research, and Creativity in Learning Environment (CIRCLE) – intramural (GUMC)

(PI: Tractenberg) 07/06 – 06/07

Feasibility of a Student Portfolio Assessment at GUMC

Direct costs: \$18,500

The aim of this one-year intramural proposal was to construct a framework for, and study the feasibility of, establishing annual Student Portfolios (SP) and associated assessment rubrics for documenting the progress and achievements of the medical students.

SCHOLARSHIP
AND RESEARCH,
con't

COMPLETED RESEARCH GRANTS (since 2002), con't

CV TRACTENBERG, p. 27

NIH 1 R25 MH076781-01 (PI: Gale)

09/05-08/07

Neurobiology of Disease Course Development

Avg. Annual direct costs: \$67,231

This project developed a new course in the neurobiology of disease in which a clinical understanding of neurological and psychiatric disorders inform, enrich, and contextualize basic neuroscience education throughout the first year of the predoctoral training period. The application will utilize the translational programs and clinical faculty from the Georgetown Hospital, the VA Medical Center (Center for Schizophrenia and Neuroscience Research), National Rehabilitation Hospital, and Children's National Medical Center (CNMC). I coordinated the development and assessment of this course through 2006.

NIMH 1 P20 MH068450

(PI: Green)

09/04-06/09

Center for Trauma and the Community: Trauma Interventions for Low-income Women in Primary Care

\$424,630 annual direct costs

To develop innovative and sustainable interventions to address the spectrum of trauma-related mental health needs presenting to primary care settings serving low-income, mostly minority populations through academic-community research partnerships with local jurisdictions. I was the team director for data analysis and management.

NIH M01RR020359 (PI: Battshaw)

12/04-11/06

General Clinical Research Center

Avg. annual direct costs to GU: \$750,000

The General Clinical Research Center provides faculty and peer-reviewed, funded investigators from local hospitals the infrastructure and support they need for their hypothesis-driven research. As the consulting biostatistician in the GCRC Biostatistical Core, I provided consultation and assistance with all phases of research including the development of protocols and preparation for IRB review, study design, selection of, and guidance with, data analysis methods, and power and sample size analysis. I also provided mentorship and instruction in general research skills until my own K01 began in July 2006.

US Dept of Education, Institute of Ed Sciences R305J030120 (PI: S Ramey)
10%

07/03 - 07/07

Preschool Curriculum Evaluation Research Grant Program

Avg. Annual costs: \$486,344

To examine how curriculum, program implementation support, and classroom environment are related to student learning and achievement.

Montgomery County Public Schools/US Dept of Ed 7538 (PI: C Ramey) 06/03 - 09/06 10%

Early Reading First Evaluation

Avg. annual direct costs: \$232,581

An external evaluation of Early Reading First program. I was a statistician on this project.

NCCAM 1 R25 AT00419 (PI: Haramati)

7/01-4/06

Educational Initiative in CAM

To integrate elements of complementary and alternative medicine (CAM) into the Georgetown University School of Medicine curriculum. I was the consulting biostatistician who developed analytic plans, oversaw data analyses, interpreted the results and assisted in the preparation of posters and manuscripts that described the efforts, measurement and results.

**SCHOLARSHIP
AND RESEARCH,
con't**

COMPLETED RESEARCH GRANTS (since 2002), con't

NIH K07 AG19165-03, Discovery Fund (Intramural) (PI: Tractenberg) 7/04-07/05

A one-year pilot study of aging and cognitive elements in health literacy

The purposes of this pilot study were to a) evaluate the contributions of reading component skills (e.g., memory, reading speed) to "health literacy"; b) to determine if, after controlling for the specific reading skills, age is associated with health literacy as measured by a standard instrument; and c) to evaluate the associations between these measures and the ability to extract information from a consent form immediately following the consenting process.

NIHM R03 MH064739 (PI: Dutton)

12/01-11/03

PTSD & Intimate Partner Violence: A National Sample

This project involves the multivariate analysis of the PTSD & Intimate Partner Violence survey carried out by the NNAV project. I was the biostatistician who carried out the planned analyses (project extended to 11/04).

NIH M01RR13297 (PI: Reuter)

7/97-11/04

General Clinical Research Center

Consulting Biostatistician (2003-2004).

NIH K01MH01811 (PI: Green)

1/02-12/04

Trauma in Primary Care: Interventions for Poor Women

I was the biostatistical mentor for Dr. Green.

NIHM R24 MH 57909 (PI: Green)

7/98-12/04

Mental Health Services for Women in Public Medical Care

Supported research infrastructure in the Department of Psychiatry, to develop expertise in a particular area of mental health services, and to train junior, and selected senior faculty in mental health services research focusing in poor and minority women seen in the public sector. I was the biostatistical mentor for faculty throughout the Department of Psychiatry at Georgetown.

SCHOLARSHIP
AND RESEARCH,
con't:

PUBLICATIONS

Original Papers in Refereed Journals

(* = RET corresponding author; † = senior author)

Tractenberg RE*, Gushta MM, Weinfeld J. (in press). The Mastery Rubric for Evidence-Based Medicine: Institutional validation via multi-dimensional scaling. Teaching and Learning in Medicine.

Barnes L, Yumoto F, Yu L, Wilson RS, Segawa E, Bennett DA, **Tractenberg RE†**. (2015) Measurement invariance across time and race in the neuropsychological assessment of cognitive functioning. Journal of the Neuropsychological Society, 21: 1-10. doi:10.1017/S1355617715001113

Tractenberg RE*, Russell AL, Morgan G, FitzGerald KT, Collmann J, Vinsel L, Steinmann M, Dolling LM. (2015) Amplifying the reach and resonance of ethical codes of conduct through ethical reasoning: preparation of Big Data users for professional practice. Science and Engineering Ethics. 21(6):1485-1507. DOI 10.1007/s11948-014-9613-1

Donnelly M, Clauser J, **Tractenberg RE†**. (2014). A multicenter intervention to improve ambulatory care handoffs at the end of residency. Journal of Graduate Medical Education 6(1):112-6.

Donnelly M, Clauser J, **Tractenberg RE†**. (2014). Systematic training in Internal Medicine-Pediatrics End of Residency Clinic Handoffs: A National Survey of Med-Peds Program Directors. Teaching and Learning in Medicine 26(1):17-26. doi: 10.1080/10401334.2013.857334.

Mungas D, **Tractenberg RE**, Schneider JA, Crane PK, Bennett DA. (2014). A Two-process Model for Neuropathology of Alzheimer's Disease. Neurobiology of Aging 35(2):301-8. doi: 10.1016/j.neurobiolaging.2013.08.007

Tractenberg RE*, Yumoto F & Aisen PS. (2013). Detecting when "quality of life" has been "enhanced": Estimating change in quality of life ratings. Open Journal of Philosophy 3(4A): 24-31. <http://dx.doi.org/10.4236/ojpp.2013.34A005>.

Avdoshina V, Mocchetti I, Liu C, Young MA, Anastos K, Cohen M, Crystal H, Pearce L, Golub E, **Tractenberg RE**. (2013). Single Nucleotide Polymorphisms in TrkB and the absence of Depression: Findings from Women's Interagency HIV Study. Journal of Acquired Immune Deficiency Syndromes 64(2): 138-41.

Donnelly M, Clauser J, **Tractenberg RE†**. (2013). Current Practices in End of Residency Clinic Handoffs: A Survey of Med-Peds Program Directors. Journal of Graduate Medical Education 5(1):93-7. doi: 10.4300/JGME-D-12-00183.1.

Tractenberg RE*, Gushta MM, Mulroney SE, Weissinger PA. (2013). Multiple choice questions can be designed or revised to challenge learners' critical thinking. Advances in Health Sciences Education, 18(5):945-61. DOI: 10.1007/s10459-012-9434-4

Tractenberg RE* & FitzGerald K. (2012). A Mastery Rubric for the design and evaluation of an institutional curriculum in the responsible conduct of research. Assessment and Evaluation in Higher Education 37(7-8): 1003-21. DOI 10.1080/02602938.2011.596923

**SCHOLARSHIP
AND RESEARCH,
con't:**

REFEREED PUBLICATIONS, con't
(* = RET corresponding author)

Tractenberg RE*, Yumoto F, Aisen PS, Kaye JA, & Mislevy R. (2012). Using the Guttman scale to define and estimate measurement error in items over time: the case of cognitive decline and the meaning of "points lost". *PLoS ONE* 7(2): e30019. doi:10.1371/journal.pone.0030019. <http://dx.plos.org/10.1371/journal.pone.0030019>

Avdoshina V, Garzino-Demo A, Bachis A, Monaco MCG, Maki PM, **Tractenberg RE**, Liu C, Young MA, Mocchetti I. (2011). Human Immunodeficiency Virus-1 decreases the levels of neurotrophins in human lymphocytes. *AIDS* 25(8):1126-8.

Tractenberg RE* & Pietrzak R. (2011). Intra-individual variability in cognitive aging: Definitions, context, and effect sizes. *PLoS ONE*. 6(4): e16973. doi:10.1371/journal.pone.0016973.

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Tractenberg RE* & FitzGerald KT. (2015). Responsibility in the conduct of Quantitative Sciences: Preparing future practitioners and certifying professionals. [presented at 2014 Joint Statistical Meetings, Boston, MA). Proceedings of the 2015 Joint Statistical Meetings, Seattle, WA.

Tractenberg, RE. (2013). Ethical Reasoning for Quantitative Scientists: A Mastery Rubric for Developmental Trajectories, Professional Identity, and Portfolios that Document Both. Proceedings of the 2013 Joint Statistical Meetings, Montreal, Quebec, Canada. Pp.3959-3973.

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PRESENTATION ABSTRACTS

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Tractenberg RE* & Weissinger, P. (2015, October). Evidence-informed teaching: discovering the model *for you*. Association of Medical Educators in Europe (Workshop). Annual meeting. Glasgow, Scotland UK. (Abstract # 23721)

Tractenberg RE* (2015, September). Designing Assessments That Support Teaching *and* Learning in Statistics (Roundtable (discussion)) Joint Statistical Meeting, Seattle, WA. Abstract # 314787. (*—cancelled due to family emergency*)

Tractenberg RE* & Weissinger, P. (2013, June). A Table of Test Specifications, MCQ Exams, and the Myth of Pass/Fail. International Association of Medical Science Educators 17th Annual meeting. Edinburgh, Scotland. (Presenter: P Weissinger)

Tractenberg RE*, FitzGerald KT. (2013, February). Reconceptualizing instruction in the responsible conduct of research. Jesuit Schools of Medicine National Conference, Washington, DC.

Tractenberg RE*, FitzGerald KT. (2012, March). The Mastery Rubric: A new curriculum-building paradigm for ongoing RCR development. Office of Research Integrity National Meeting, Washington, DC. (RET also Session Chair)

FitzGerald KT, **Tractenberg RE**. (2012, March). The Mastery Rubric for Ethical Reasoning: Fostering a cultural shift in RCR training. Office of Research Integrity National Meeting, Washington, DC. (Presenter: KT FitzGerald)

Tractenberg RE* (2011, August). Information Criteria, Bayesian Methods and their Implications for Statistical Literacy (Roundtable (discussion)) Joint Statistical Meeting, Miami, FL. Abstract #301070.

Tractenberg RE*, Fan K-H & Sandberg KS. (2009, August). Summarizing Response: when 'effect over time' doesn't actually capture an intervention's effect in longitudinal data. Joint Statistical Meeting, Washington DC. Abstract #304545 (Presenter: K-H Fan)

Tractenberg RE*. (2009, August). Designing curricula supporting the development of statistical literacy. Joint Statistical Meetings, Washington DC. Abstract #304292

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POSTER ABSTRACTS
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Van Horn JD, **Tractenberg RE**, Ambite J-L, Lerman K, Taylor M, Barardo J. (2015, November). "Big Data U": The BD2K Training Coordinating Center (TCC). Big Data to Knowledge (BD2K) Initiative All Hands Meeting, NIH Campus, Bethesda, MD. (Poster # 1).

Tractenberg RE. (2015, November). On being a (Big Data) scientist: Professionalism and responsibility in the BD2K Training Coordinating Center. Big Data to Knowledge (BD2K) Initiative All Hands Meeting, NIH Campus, Bethesda, MD. (Poster # 12).

Tractenberg RE* & Weissinger, P. (2014, Sept). Cognitive complexity training to support cross-discipline multiple-choice exam item evaluation. Association of Medical Educators in Europe (AMEE) Annual meeting. Milan, Italy. (Abstract # 23182)

Tractenberg, RE* & FitzGerald KT. (2014, August). Responsibility in the conduct of Quantitative Sciences: Preparing future practitioners and certifying professionals. Joint Statistical Meetings, Boston, MA. (Abstract # 313307)

Tractenberg, RE. (2013, August). Ethical reasoning for quantitative scientists: portfolios and developmental trajectories. Joint Statistical Meetings, Montreal, Quebec, Canada. (Abstract # 310084)

Tractenberg RE* & FitzGerald KT. (2013, May). A multidimensional and dynamic ethics education paradigm spanning the scientist's career. Association for Psychological Science 25th annual convention, Washington, DC.

Tractenberg, RE. (2013, May). Statistical literacy for stewards of the psychological sciences. Association for Psychological Science 25th annual convention, Washington, DC.

Tractenberg RE*, Lum P, Metzger AJ, Turner JE, Coaplin D, Dromerick AW. (2011, November). The intraindividual variability signal in brain aging, stroke, MCI and AD. Society for Neuroscience Annual Meeting, Washington, DC.

Tractenberg RE*, Lum P, Metzger AJ, Dromerick AW. (2011, November). Salient qualitative features of dynamometry responses: implications for diagnostic utility. Society for Neuroscience Annual Meeting, Washington, DC.

Tractenberg RE* Yumoto F, Aisen PS, Kaye J & Mislevy R. (2011, August). New, Testable, Definitions of Reliability and Measurement Error. Joint Statistical Meetings, Miami, FL. Abstract #301069.

Dromerick AW, **Tractenberg RE**, Metzger AJ, Libin A, Williams D, Turner JE, Lum PS. (2011, June). Intra-individual Variability as a Screening Tool for Mild TBI: Evaluation of Grip Force Control. 2nd Annual Navy Medical Research Conference, National Naval Medical Center, Bethesda, MD.

Tractenberg RE.* (2011, March). Adaptive, informative, and performance-based evaluation of ACGME competencies. Northeast Group on Educational Affairs (NEGEA) Annual Meeting, Washington, DC.

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Tractenberg RE*, Weinfeld J. (2011, March). Bloom's taxonomy, a developmental trajectory, and instruction throughout medical education: A Mastery Rubric for Evidence-Based Medicine. Northeast Group on Educational Affairs (NEGEA) Annual Meeting, Washington, DC.

Tractenberg RE*, Collmann J, Selanikio J, Liddle A, Mishori R, FitzGerald K, Rennert W. (2011, March). An integrated medical education (IME) system via SMS mobile technology for use by rural medical/public health providers in Kenya. Northeast Group on Educational Affairs (NEGEA) Annual Meeting, Washington, DC.

Tractenberg RE* (2011, March). Developing a curriculum for research in pathology residency: A Pathology Research Mastery Rubric. Northeast Group on Educational Affairs (NEGEA) Annual Meeting, Washington, DC.

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Tractenberg RE* (2010, July). Interplay between statistics and theory in modern modeling of Alzheimer's disease, MCI and normal brain aging. International Conference on Alzheimer's disease, Honolulu, HI.

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Mungas D, **Tractenberg RE**, Crane P, Schnieder J, Bennett D. (2010, April). Dimensions of AD Neuropathology: Differential Relationships with Age and ApoE. 62nd annual meeting, American Academy of Neurology, Toronto, Ontario, Canada.

Yumoto F & **Tractenberg RE***. (2009, August). Modeling prior knowledge in developing a Bayesian network. Joint Statistical Meeting, Washington DC. Abstract #304377

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Tractenberg RE* (August 2008). Factorial invariance and robustness to low variability: maximum likelihood factor analysis vs. correlation constraint analysis. Joint Statistical Meeting, Denver, CO.

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con't:

Miscellaneous
(refereed, not published)
POSTER ABSTRACTS, con't
(* = RET corresponding author)

CV TRACTENBERG, p. 41

Rho DS, **Tractenberg RE**, Soll SM, Markovitz BJ. (November, 2007). Treatment of Acute Pseudophakic Cystoid Macular Edema: Bromfenac 0.09% Versus Diclofenac Sodium 0.1% Versus Ketorolac Tromethamine 0.5%. American Academy of Ophthalmology Annual Meeting New Orleans, LA.

Tractenberg RE*, Umans J, McCarter R. (November 2006). A Mastery Rubric for Curriculum Development. International Society for the Scholarship of Teaching and Learning Conference, Washington, DC.

Tractenberg RE*. (November 2006). Scaffolding in graduate level introductory biostatistics: The independent project. International Society for the Scholarship of Teaching & Learning Conference, Washington, DC.

Lungeanu D, **Tractenberg RE** and Mihalas GI. (August 2006). Developing an Interactive Approach in Teaching Medical Informatics. Oral presentation, 20th International Congress of the European Federation for Medical Informatics, Maastricht, the Netherlands.

Abendroth FD, **Tractenberg RE**, Moore MM, Howieson D, Kaye JA. (July 2006). Daytime napping is associated with increased risk for subsequent cognitive impairment in healthy elderly. 10th International Conference on Alzheimer's Disease and Related Disorders (ICAD) Madrid, Spain.

Tractenberg RE* and Aisen PS. (May 2006). Evaluating the strength of evidence of change: A qualified change vs simple difference approach to quality of life ratings. International Society for Pharmacoeconomics and Outcomes Research Annual Conference, Philadelphia PA.

Tractenberg RE*. (October 2005). A pilot study of the iPod in higher education. International Society for the Scholarship of Teaching and Learning Conference, Vancouver, British Columbia, Canada. (Poster accepted but conference not attended.)

Smyth BJ, **Tractenberg RE**, Umans JG (June 2005) Normal Reference Ranges for Aortic Pulse Wave Velocity and Carotid Augmentation Index during the Menstrual Cycle and Oral Triphasic Contraceptive Use and Reproducibility of their Measurement by Applanation Tonometry. Clinical Research Meeting, Washington, DC.

Smyth BJ, **Tractenberg RE**, Umans JG (June 2005) Pulse Wave Velocity, Augmentation Index and Strain Gauge Plethysmography as Indicators of Preeclampsia. Clinical Research Meeting, Washington, DC.

Soldin, OP, **Tractenberg RE**, Guo, T., Hilakivi-Clarke, L., Weiderpass, E., Soldin, S. J. (April 2005) Steroid Hormone Levels in Pregnancy Using Isotope Dilution Tandem Mass Spectrometry. 9th International Congress of Therapeutic Drug Monitoring and Clinical Toxicology. Louisville, Kentucky.

Smyth B. J., **Tractenberg RE**, Umans J. (October 2004) Normal Reference Ranges for Aortic Pulse Wave Velocity and Carotid Augmentation Index during the Menstrual Cycle and Oral Triphasic Contraceptive Use. American Society of Nephrology meeting St. Louis MO.

SCHOLARSHIP
AND RESEARCH,
con't:

Miscellaneous
(refereed, not published)
POSTER ABSTRACTS, con't
(* = RET corresponding author)

Soldin OP, Soukhova N, **Tractenberg RE**, Hilakivi-Clarke L, Soldin SJ. (June, 2004). Trimester-Specific Thyroid Hormone Reference Intervals by Isotope Dilution Tandem Mass Spectrometry and Immunoassays. 86th Annual Meeting of the Endocrine Society, New Orleans, LA.

Soldin OP, **Tractenberg RE**, Hollowell JG, Soldin SJ. (June, 2004). Longitudinal Trends and Associations of T4, T3, FT4, TSH and Thyroglobulin Concentrations During Gestation and One year post partum. Organization of Teratogen Information Services 17th Annual Meeting, Vancouver, BC Canada.

Soldin OP, Soukhova N, **Tractenberg RE**, Hilakivi-Clarke L, Soldin SJ. (June, 2004). Trimester-Specific Thyroid Hormone Reference Intervals by Isotope Dilution Tandem Mass Spectrometry and Immunoassays. The Teratology Society 44th Annual Meeting 2004. Vancouver, BC Canada.

Soldin OP, **Tractenberg RE**. (June, 2004). More than 25% of Unborn American Babies may be at risk of neurodevelopmental deficits from low maternal intake of iodine during pregnancy. The Teratology Society 44th Annual Meeting 2004. Vancouver, BC Canada.

Soldin OP, **Tractenberg RE**, Pezzullo JC. (July, 2004). More than 25% of Unborn American Babies may be at risk of neurodevelopmental deficits from low maternal intake of iodine during pregnancy. 2nd National Center on Birth Defects and Developmental Disabilities (NCBDD) Conference, Washington DC.

Soldin OP, Soukhova N, **Tractenberg RE**, Hilakivi-Clarke L, Soldin SJ. (July, 2004). Trimester-Specific Thyroid Hormone Reference Intervals by Isotope Dilution Tandem Mass Spectrometry and Immunoassays. 2nd National Center on Birth Defects and Developmental Disabilities (NCBDD) Conference, Washington DC.

Soldin OP, **Tractenberg RE**, Pezzullo JC. (September, 2004). Thyroxine, Thyroid Stimulating Hormone and Urinary Iodine Adjustments in Pregnant and Non-Pregnant Women of Childbearing Age in the US. 76th Annual Meeting of the American Thyroid Association, Vancouver, BC, Canada.

Soldin OP, **Tractenberg RE**, Hollowell JG, Jonklaas J, Janicic-Kahric N, Soldin SJ. (September, 2004). Changes in Maternal Thyroid Hormone, TSH and Thyroglobulin Concentrations During Gestation: Trends and Associations Across Trimesters in Iodine Sufficiency. 76th Annual Meeting of the American Thyroid Association, Vancouver, BC, Canada.

Krupnick, J. Green, B., Miranda, J. Stockton, P. **Tractenberg RE**. (November, 2003). Interpersonal Psychotherapy for PTSD. International Society for Traumatic Stress Studies, Chicago, IL.

Tractenberg RE*. (March, 1995). Exploring the missing letter effect. Poster presented at the Cognitive Neuroscience Society Conference, San Francisco, CA.

PATENTS/INTELLECTUAL PROPERTY

U. S. Patent Application

METHOD AND SYSTEM OF RAPID SCREENING FOR MILD TRAUMATIC BRAIN INJURY (mTBI) AND OTHER COGNITIVE IMPAIRMENT BY ANALYSIS OF INTRA-INDIVIDUAL VARIABILITY OF MOTOR PERFORMANCE.

September, 2012



UMFT

Universitatea de
Medicină și Farmacie
„Victor Babeș”
din Timișoara

P-ța Eftimie Murgu nr.2, Timișoara, cod 300041, România

Tel: (40)256293389; fax: (40)256490626

E-mail: senat@umft.ro; www.umft.ro

HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 6/515/18.01.2016

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- Propunerea d-lui prof. univ. dr. Dan V. Poenaru,
- Avizul prorectorului științific nr. 168/11.01.2016,
- Hotărârea Consiliului de Administrație din 12.01.2016.

Art. 1. Senatul universitar aprobă acordarea titlului de Visiting Professor al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, d-lui dr. med. Gregory Ostrowski, șeful Departamentului de Chirurgie Spinală, Clinica Karlsbad-Langensteinbach, Germania.

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- D-nul prof. univ. dr. Dan V. Poenaru,
- Prorectoratul Științific,
- Departamentul Relații Internaționale,
- Serviciul RUNOS,
- Compartimentul juridic,
- Departamentul Marketing Relații publice și Consiliere, pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan

Secretar șef universitate,
Jr. Miriam Cătană

Vizat juridic,
C. j. dr. Codrina Mihaela Levai



UMFT

Universitatea de
Medicină și Farmacie
„Victor Babeș”
din Timișoara

UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
VICTOR BABEȘ DIN TIMIȘOARA

Înregistrare 168
din 11 01 2016

PRORECTORATUL ȘTIINȚIFIC

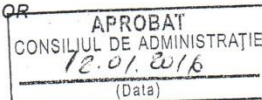
DEPARTAMENTUL de CERCETARE și MANAGEMENT al GRANTURILOR

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www.umft.ro



Se prezintă facultății.

Către

CONSILIUL DE ADMINISTRATIE

Al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara

În atenția

Domnului Prof.Dr. Marius RAICA

Rectorul Universității de Medicină și Farmacie „Victor Babeș” din Timișoara

Subsemnatul Prof. Dr. MATUSZ PETRU, Prorector pentru Cercetarea Științifică, am analizat documentația depusă de Domnul Profesor Dr. Dan V. POENARU, care propune acordarea Titlului de **VISITING PROFESSOR** al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara, Domnului DR. GREGORY OSTROWSKI, Seful departamentului de chirurgie spinală de la Clinica Karlsbad-Langensteinbach, Germania.

La dosar sunt depuse:

- Argumentația de susținere a acordării titlului, redactată de Domnul Prof.Dr. POENARU,
- *Curriculum Vitae* cu calificarea profesională, și activități desfășurate.

Domnul DR. GREGORY OSTROWSKI, are o colaborare deosebită cu Clinica Ortopedie II a UMFVBT.

Domnul DR. GREGORY OSTROWSKI îndeplinește criteriile actuale pentru acordarea Titlului de **VISITING PROFESSOR** al Universității de Medicină și Farmacie „Victor Babeș” din Timișoara. Propun demararea demersurilor tehnice necesare în vederea acordării titlului.

PRORECTOR,
Prof.Dr. Petru MATUSZ

Timișoara 11.01.2016



SPITALUL CLINIC JUDEȚEAN DE URGENȚĂ „PIUS BRÎNZEU” TIMIȘOARA

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CLINICA II ORTOPEDIE SI TRAUMATOLOGIE

Propunerea privind acordarea titlului de visiting Profesor Domnului Dr. Gregory Ostrowski

Domnul Dr. Gregory Ostrowski este seful departamentului de chirurgie spinala la Clinica Karlsbad - Langensteinbach din Germania. Este un chirurg cunoscut si apreciat pentru rezultatele sale deosebite in activitatea sa chirurgicala.

In anul 2013 a fost clasificat in primi 100 chirurgi din Germania.

Se ocupa de pregatirea profesionala a unui numar mare de rezidenti si tineri specialisti, are participare importanta la reuniuni internationale precum si in publicistica.

In clinica pe care o conduce lucreaza trei absolventi ai Universitatii noastre (Dr. Branea I., Dr. Sebok D., Dr. Sburlea I.) .

Mentionez ca Dr. Ostrowski a acordat in ultimi 5 ani , in fiecare vara o bursa de 30 de zile unui rezident din Timisoara, timp de 30 de zile.

Trebuie sa mentionez ca de asemenea a operat unele cazuri dificile la pacienti din jud. Timis, Caras - Severin si Arad, urmand ca in primavara acestui an , sa sustina o Conferinta la Universitatea de Medicina si Farmacie "Victor Babes" Timisoara.

Prof. Univ. Dr. Dan V. Poenaru
Membru al Academiei de Stiinte Medicale din Romania

Prof. Univ. Dr.
Dan V. Poenaru

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- Kardiologie
- Gynäkologie
- Onkologie
- Orthopädie



PLUS Checkliste Wie gut ist mein Arzt?

Lebenslauf Dr. med. Gregor Ostrowski

Hohentwielweg 1
76337 Waldbronn
Deutschland
Tel: +0497243/ 76 72 35
Mobil: 0151/ 771677014
Email: mail@dr-ostrowski.de

Persönliche Angaben

Geburtsdatum	04.10.1964
Geburtsort	Tomsk, Russland
Familienstand	verheiratet, zwei Kinder

Bildungsweg

1981	Schulabschluss
1981-1983	Praktikum -städtischer medizinischer Notfalldienst Almaty (Kasachstan).
1983-1985	Militärdienst
1985-1991	Studium der Humanmedizin an der Universität Almaty -Abschluss Diplom mit Summa cum laude.
1991-1993	Forschung -Forschungsassistent am Lehrstuhl für Orthopädie und Unfallchirurgie am Uniklinikum für Orthopädie, Traumatologie und Verbrennungstrauma in Almaty.
1992	Promotion -Titel: „Behandlung der posttraumatischen Osteomyelitis mit Ilizarov-Apparat.“ -Verleihung des Titels „Doktor der Medizin“
1993	Auswanderung nach Deutschland

BSNR: 524600700
LANR: 557461810
Dr. Gregor Ostrowski
Inhabender Arzt der Abteilung Unfallchirurgie, Waldbronn

1994-1995	Junior doctor -Klinikum Of Trauma and Reconstructive Surgery Erfurt. (Head physician Professor Dr. Henry Winkler)
1995/02	Obtaining German certification
1995-2001	Assistant doctor -Zentralklinik Bath Berka. Clinic for orthopedics, spine surgery and spinal cord injury.(Head physician Prof. Dr. Heinrich Böhm)
Since 2001	Doctor's activity Klinikum Karlsbad-Langensteinbach (Chief physician Prof.Dr .Jürgen Harms)
2002	Specialist in Orthopaedics
2004	Senior physician at the Department of Spinal Surgery
2010	Chief Consultant
2011	Head of the Department Spine Surgery

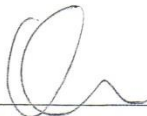
Membership in professional associations

1995	Membership in the German Medical Association
2006	Membership in the Society of Spinal Surgery
2009	Membership in the International Informatization Academy

Languages

Native languages	Russian, German
Other languages	English

Date, Place



BSNR: 524600700
 LANR: 557461810
 Dr. Gregor Ostrowski
 Leitender Arzt der Abteilung Wirbelsäulenchirurgie
 FA Orthopädie
 SRH Klinikum Karlsbad-Langensteinbach gGmbH
 Guttmannstr. 1 • 76307 Karlsbad
 Telefon 0 72 02 / 61-0

1994-1995	Arzt im Praktikum -Klinikum für Unfall- und Wiederherstellungschirurgie Erfurt. (Chefarzt Professor Doktor Heinrich Winkler)
1995/02	Erhalt der deutschen Approbation
1995-2001	Assistenzarzt -Zentralklinik Bad-Berka. -Klinik für Orthopädie, Wirbelsäulenchirurgie und Querschnittlähmung. (Chefarzt Prof. Dr. Heinrich Böhm)
Seit 2001	Fachärztliche Tätigkeit Klinikum Karlsbad-Langensteinbach (Chefarzt Prof.Dr .Jürgen Harms)
2002	Facharzt für Orthopädie
2004	Oberarzt der Abteilung Wirbelsäulenchirurgie
2010	Leitender Oberarzt
2011	Chefarzt der Abteilung Wirbelsäulenchirurgie

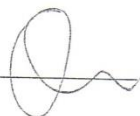
Mitgliedschaft in Fachverbänden

1995	Mitgliedschaft bei der Deutschen Ärztekammer
2006	Mitgliedschaft in der Gesellschaft für Wirbelsäulenchirurgie
2009	Mitgliedschaft in der International Informatization Academy

Sprachen

Muttersprachen	Russisch, Deutsch
Weitere Sprachen	Englisch (In Wort und Schrift)

Ort, Datum



BSNR: 524600700
LANR: 557461810
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Leitender Arzt der Abteilung Wirbelsäulenchirurgie
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MINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND KUNST BADEN-WÜRTTEMBERG

Ministerium für Wissenschaft, Forschung und Kunst Baden-Württemberg
Postfach 10 34 53 · 70029 Stuttgart

Herrn
Gregor Ostrowski
Acherstraße 3

76337 Waldbronn

Stuttgart, 12.12.2001
Durchwahl (0711) 279- 3341
Name: Frau Pepler
Aktenzeichen: 16-564.2/2001/Ostrowski, G./1
(Bitte bei Antwort angeben)

Führung ausländischer Hochschulgrade

Ihr Schreiben vom 28.11.2001

Anlagen

- 1 Kopie § 55b Universitätsgesetz
- 1 Kopie der KMK-Beschlüsse vom 14.04.2000 und 21.09.2001

Sehr geehrter Herr Ostrowski,

bezugnehmend auf og. Schreiben kann Ihnen folgendes mitgeteilt werden:

Die Voraussetzungen zur Führung ausländischer Hochschulabschlußgrade sind durch § 55b Universitätsgesetz (UG) Baden-Württemberg in der Fassung vom 1. Februar 2000 (GBl. S. 208) neu geregelt. Danach bedarf es einer Führungsgenehmigung nicht mehr.

Der Grad kann aber nur bei Vorliegen der dort genannten Voraussetzungen nach Maßgabe der Absätze 4 und 5 aaO. geführt werden. Eine begünstigende Vereinbarung der Länder im Sinne des § 55b Abs. 5 UG ist der Beschluß der Kultusministerkonferenz vom 14.04.2000 in Verbindung mit dem Beschluß vom 21.09.2001.

19.09.2015

Dr. med. Gregor Ostrowski

Hohentwielweg 1

76337 Waldbronn

e-Mail: mail@dr-ostrowski.de

Mobile: 0151/ 771677014

Phone: +0497243/76 72 35

Dr. med. Gregor Ostrowski, Hohentwielweg 1, 76337 Waldbronn

Since February 2013 Dr. Gregory Ostrowski is one of the 100 best doctors in Germany. Especially the number (an average of 300 operations per year) and the complexity of the procedures performed are particularly noteworthy. The results achieved speak for themselves.

In cooperation with DePuy Spine lecturers activities for foreign as well as with local doctors in the form of workshops, lectures and live operations are organized regularly. Furthermore, he supervises trainees from Russia, Kazakhstan, UAE, Azerbaijan, Poland and Turkey. Regular participation at congresses, symposia and various training events Dr. Ostrowski is thus to shape the latest developments scientific in constant contact with colleagues and can. A project of "growing Instrumentation" for the treatment of infantile deformities is intensively pursued at the time. Furthermore, is currently running a large-scale study to describe the tactics and evaluation of the long-term results after treatment of deformities in neuromuscular diseases and combined ventro-dorsal erection of heavy, rigid Adult scoliosis.

In collaboration with the research Bidermann GmbH operate in the development of new surgical instruments. Object of research is the development of a vertebral body replacement telescope effect, dynamic instrumentation and intervertebral cages.

BSNR: 524600700

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Dr. Gregor Ostrowski

Leitender Arzt der Abteilung Wirbelsäulenchirurgie

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Eine Kopie der genannten Vorschrift und dieser Beschlüsse ist zu Ihrer Kenntnisnahme beigefügt.

Danach ist der Ihnen am 14.07.1992 von der Oberen Prüfungskommission beim Ministerrat der ehemaligen Sowjetunion verliehene wissenschaftliche Grad „kandidat medicinskich nauk“ wie folgt zu führen:

Doktor der Medizin
Abkürzung: Dr.med.

Mit freundlichen Grüßen

A handwritten signature in dark ink, appearing to read 'Peppler', with a stylized, cursive script.

Peppler
Oberamtsrätin

LANDESÄRZTEKAMMER BADEN-WÜRTTEMBERG

Bezirksärztekammer Nordbaden

U r k u n d e

Aufgrund der nachgewiesenen Weiterbildung
gemäß den Bestimmungen der Weiterbildungsordnung
der Landesärztekammer Baden-Württemberg
in der Fassung vom 07.12.1988
erhält

Herr Dr. med. Gregor **Ostrowski**

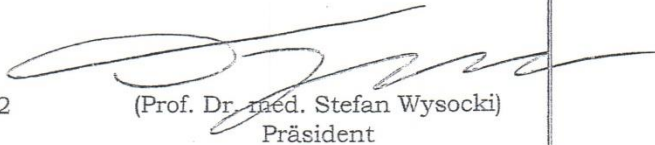
geboren am 04. Oktober 1964

die Anerkennung als

Arzt für Orthopädie

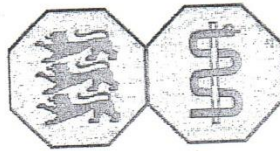


Karlsruhe, den 13.02.2002


(Prof. Dr. med. Stefan Wysocki)
Präsident

Diese Urkunde allein berechtigt nicht zur Ausübung des ärztlichen Berufes in der Bundesrepublik
Deutschland. Die Arztbezeichnung darf nur führen, wer die Approbation als Arzt oder eine
Ärztliche Approbation besitzt.

LANDESÄRZTEKAMMER
BADEN-WÜRTTEMBERG
Körperschaft des öffentlichen Rechts



FORTBILDUNGSZERTIFIKAT

Herr Dr. med. Gregor Ostrowski

hat nach der Fortbildungsordnung
der Landesärztekammer Baden-Württemberg
vom 18.12.2013, (ÄBW 01/2014, S. 24-25),
das Fortbildungszertifikat (Laufnummer K201408218)
erworben.

Stuttgart, den 21.12.2014



Dr. Ulrich Clever
Präsident



Approbationsurkunde

Herr **Gregor Ostrowski**
geb. am **04.10.1964** in **Tomsk/Russland**

erfüllt die Voraussetzungen des § 3 der Bundesärzteordnung

Mit Wirkung vom heutigen Tage wird ihm die

Approbation als Arzt

erteilt.

Die Approbation berechtigt den Arzt zur Ausübung des ärztlichen Berufs.

Weimar, den **20.12.1995**

Thüringer Landesverwaltungsamt
- Landesprüfungsamt -

Siegel

Reg.-Nr. **AA 59/95**


Dr. Stahl

CV Dr. med. Gregor Ostrowski

Hohentwielweg 1
76337 Waldbronn
Germany
Tel: + 0497243/76 72 35
Mobile: 0151/771 677 014
Email: mail@dr-ostrowski.de

Personal Information

Date of birth	04/10/1964
Birthplace	Tomsk, Russia
Marital status	Married, two children

Education

1981	Graduation
1981-1983	Internship -medical emergency service Almaty (Kazakhstan).
1983-1985	Military service
1985-1991	Study of medicine at the University of Almaty Accounts diploma summa cum laude.
1991-1993	Research -Assistent at the Department of Orthopaedics and Trauma Surgery at the University Hospital for orthopedics, traumatology and burn trauma in Almaty.
1992	Doktor thesis Caption: "Treatment of posttraumatic osteomyelitis with Ilizarov- apparatus." -Getting The title "Doctor of Medicine.
1993	Emigration to Germany

BSNR: 524600700
LANR: 557461810
Dr. Gregor Ostrowski
Leitender Arzt der Abteilung Wirbelsäulenchirurgie

Publication

- "Surgical treatment of Sacrum Fractury" (Euro Spine Nov 2007) Gregor Ostrowski, Jürgen Harms.
- "Surgical treatment of degenerative lumbal Skoliosis" (Euro Spine Nov 2007) Gregor Ostrowski
- "Modified Pedicle Substraktion Osteotomy in the treatment of degenerative lumbal Skoliosis." (Euro Spine Nov 2010) Gregor Ostrowski, B. Boyaci, Jürgen Harms.
- "Operative Behandlungen des Morbus Bechterew" (Orthopädische Nachrichten April 2013) Gregor Ostrowski
- "Wirbelsäulentumore, Taktik der operativen Behandlung." (Orthopädische Nachrichten April 2014) Gregor Ostrowski
- "Schwere degenerative Lumbalskoliosen, Rekonstruktion des sagitalen Profils" (Orthopädische Nachrichten April 2015) Gregor Ostrowski
- "Idiopatische Adoleszentenskoliose, Langzeitergebnisse nach ventralen Korrekturen." (Orthopädische Nachrichten April 2014) Gregor Ostrowski, Michael Ruf
- "Halbwirbelresektion bei kongenitaler Skoliose- Beschreibung der operativen Technik und langfristiger Ergebnisse." (Orthopädische und Unfallchirurgische Praxis Nr.1 2013) Gregor Ostrowski, Michael Ruf, H. Meinig.

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Prof. Axel Eikenkamp Klinikdirektor Unfallklinik am Angsborg Klinik für Unfallchirurgie und Orthopädie Wessener Straße 7 12583 Berlin	Der renommierte Unfallchirurg wurde 1979 als Spezialist für Unfallchirurgie nach Ost-Berlin ausgereicht und arbeitete in der Unfallchirurgie der Charité Berlin. Seit 1983 ist er Leiter der Unfallchirurgie am Angsborg.
Prof. Edgar Mayr Chefarzt Zentralnervengangs- und Hand- und Wieder- herstellungszentrum im Chirurgischen Zentrum Stengelinstraße 2 80356 Augsburg	Gemeinsam mit seinem Team hat er die Klinik zu einer der größten Unfallchirurgien Deutschlands weiterentwickelt. Mehrere tausend Verletzungen im Alter, Traumatologie und Schwereverletzungen erhalten bei diesem zentralisierten erfahrenen Unfallchirurgischen Versorgungszentrum mit höchstem Niveau.
Privatdozent Dr. Ulf Göttemann Chefarzt Allgemeines Krankenhaus Celle Klinik für Unfallchirurgie, Orthopädie und Neurochirurgie Siemensplatz 4 29223 Celle	Schwerverletzungen erhalten bei diesem zentralisierten erfahrenen Unfallchirurgischen Versorgungszentrum mit höchstem Niveau.
Prof. Christoph Fiehn Ärztlicher Direktor ACRBA Rheumazentrum Badener Baden Innere Medizin Schwerpunkt Rheumatologie Robert-Koch-Strasse 5 76530 Baden-Baden	Schwerpunkt des Mediziners ist die Biologietherapie der rheumatischen Arthritis und anderer entzündlich-rheumatischer Erkrankungen.
Prof. Michael Hammer Chefarzt St. Josef-St. Sankt Josefs- Klinik für Rheumatologie Weststr. 7 46329 Sendenhorst	Hammer und sein Team haben in Deutschland die einzige rheumatische Spezialklinik mit eigenem Versorgungszentrum für Rheuma-Patienten werden an seiner Klinik mit den innovativsten Medikamenten versorgt.
Dr. Oliver Meier Chefarzt Werner-Wickert-Klinik Zentrum für Wirbelsäulen- chirurgie Im Kiefernfeld 4 34537 Bad Wildungen	Unter seiner Leitung gewann das Wirbelsäulenzentrum den begehrten Mario Bad Award der Cervical Spine Research Society.

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Prof. Rudolf Lauerer Chefarzt Alfred Krupp Krankenhaus Klinik für Neurochirurgie Alfred-Krupp-Strasse 21 45331 Essen	Der Neurochirurg hat sich auf die Behandlung von Tumoren, insbesondere des Gehirns, und auf die Behandlung von Verletzungen des Kopfes und Halses spezialisiert.
Prof. H. Michael Mayer Chefarzt Schön Klinik München-Haraching München-Haraching Harachinger Straße 51 81547 München	Prof. Mayer ist ein international anerkannter Wirbelsäulenchirurg und Ehrenmitglied der Deutschen Gesellschaft für Orthopädie und Unfallchirurgie. Er wurde mit dem Lindemann-Kühnle-Preis für die beste wissenschaftliche Arbeit zur Behandlung des lumbalen Bandscheitenvorfalles ausgezeichnet und gilt als Experte in der Behandlung von Osteoporose-Verletzungen.
Dr. Gregor Ostrowski Stationsleiter Wirbelsäulenchirurgie Städt. Klinikum Karlsruhe Langensteinsbach-Gebäude Wirbelsäulenchirurgie Goltzmannstraße 1 76307 Karlsruhe	Hat sich einem spezialisierten Bereich in der Behandlung von Wirbelsäulenerkrankungen widmen lassen, darunter die Korrektur von Wirbelsäulenerkrankungen wie Skoliose und Kyphose (Humpen).
Dr. Kai-Dave Jensen Chefarzt Park-Klinik Mannheim Orthopädie Siedler Landstraße 19 22927 Großhansdorf	Dr. Jensen ist Spezialmediziner im Bereich der Orthopädie, der Schulterchirurgie und des arthroskopischen Knie- und Hüftchirurgie (minimale Schnitte).
Dr. Jörg Richter Ärztlicher Direktor Orthopädische Klinik Markgrafenring 6 Klinik für Sport- und Unfallchirurgie Arthroskopische Chirurgie Kurt-Lindemann-Weg 10 71033 Markgrafen-Günther	Der Kniearzt hat sich auf die Behandlung von Knieerkrankungen spezialisiert und ist ein Experte für die Knie- und Hüftchirurgie.

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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 7/515/18.01.2016**

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- Solicitarea d-lui prof. univ. dr. Mihai Romînu, Disciplina de Propedeutică și Materiale Dentare, nr. 16176/15.12.2015,
- Avizul Serviciului RUNOS al universității.

Art. 1. Senatul universitar aprobă solicitarea d-lui prof. univ. dr. Mihai Romînu, Disciplina de Propedeutică și Materiale Dentare, privind efectuarea de activități didactice, în regim plata cu ora, în semestrul II, an universitar 2015-2016, la Facultatea de Medicină Dentară, Universitatea de Vest „Vasile Goldiș” din Arad.

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- D-nul prof. univ. dr. Mihai Romînu, Disciplina de Propedeutică și Materiale Dentare,
- Serviciul RUNOS,
- Compartimentul juridic,
- Departamentul Marketing și relații publice pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

**Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan**



**Secretar șef universitate,
Jr. Miriam Cătană**

**Vizat juridic,
C. j. dr. Codrina Mihaela Levai**



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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 8/515/18.01.2016**

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- Solicitarea d-nei prof. univ. dr. Elena Ana Păuncu, Departamentul V, Disciplina Medicina Muncii, nr. 270/12.01.2016,
- Avizul Serviciului RUNOS al universității.

Art. 1. Senatul universitar aprobă solicitarea d-nei prof. univ. dr. Elena Ana Păuncu, Departamentul V, Disciplina Medicina Muncii, privind efectuarea de activități didactice, în regim plata cu ora, în semestrul II, an universitar 2015-2016, la Universitatea Politehnica Timișoara, în cadrul programului de master „Ingineria Relațiilor de Muncă, Sănătate și Securitate în Muncă”, Disciplina Medicina Muncii, Securitate și Sănătatea în Medii cu Risc.

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- D-na prof. univ. dr. Elena Ana Păuncu, Departamentul V, Disciplina Medicina Muncii,
- Serviciul RUNOS,
- Compartimentul juridic,
- Departamentul Marketing și relații publice pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

Președinte Senat,

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**HOTĂRÂREA SENATULUI
UMF „VICTOR BABEȘ” DIN TIMIȘOARA
NR. 9/515/18.01.2016**

Având în vedere:

- Legea educației naționale nr. 1/2011, cu modificările și completările ulterioare,
- Carta UMF "Victor Babeș" din Timișoara,
- H.S. nr. 12/10449/01.10.2013,
- Punctul de vedere al membrilor Departamentului de Neuroștiințe, nr. 15036/23.11.2015, cu privire la divizarea Disciplinei de Neurologie.
- Punctul de vedere al d-lui conf. univ. dr. Cătălin Dragoș Jianu, nr. 16063/14.12.2015, cu privire la opinia formulată de membrii Departamentului de Neuroștiințe, nr. 15036/23.11.2015.
- Procesul Verbal al ședinței Consiliului Departamentului VIII – Neuroștiințe, nr. 16499/22.12.2015,

Art. 1. Senatul universitar aprobă menținerea Hotărârii Senatului nr. 12/10449/01.10.2013 privind unificarea disciplinelor Neurologie I și II într-o singură disciplină.

Art. 2. Prezenta hotărâre se comunică la:

- Rectorat,
- Prorectoratul Didactic,
- Decanatul Facultății de Medicină,
- Departamentul de Neuroștiințe,
- D-nul prof. univ. dr. Cătălin Dragoș Jianu,
- Serviciul RUNOS,
- Compartimentul juridic,
- Departamentul Marketing și relații publice pentru a fi adusă la cunoștința tuturor celor interesați, inclusiv prin publicarea pe site-ul www.umft.ro.

**Președinte Senat,
Prof. univ. dr. Daniel Florin Lighezan**

**Secretar șef universitate,
Jr. Miriam Cătană**

**Vizat juridic,
C. j. dr. Codrina Mihaela Levai**