

# The Generalists in Medical Education Annual Conference

# FOCUS ON THE PATIENT: EDUCATION FOR THE FUTURE OF HEALTHCARE

November 8-9, 2014 • Chicago, Illinois

West Virginia University

SCHOOL OF MEDICINE

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#### ABOUT THE GENERALISTS

#### Who are we?

The Generalists in Medical Education are committed to improving medical education. We teach, conduct research, and provide educational support services in all areas of pre-doctoral, post-doctoral, and continuing medical education.

#### What are our roles as educators?

In addition to teaching, our areas of expertise and interest include: curriculum design and instructional development; testing and evaluation; faculty development; student support; educational research; grant writing; educational leadership; and organizational development.

#### Why does our group exist?

The mission of The Generalists in Medical Education is to promote innovation and collaboration in medical education by sharing skills, knowledge, and innovative strategies to improve medical education and to enhance our professional growth.

#### What can we do for you?

Through an annual conference we offer opportunities to develop specific skills to enhance professional effectiveness, to understand the latest initiatives and innovations in medical education, and to explore solutions to educational problems. Conference sessions are interactive and informal. We also encourage networking throughout the year, which is facilitated by an annually revised membership directory.

#### How can I become a member?

You become a member by attending the conference. There are no membership dues. We'll keep you on our member list for several years even if you don't attend future meetings, but we certainly hope to see you annually. We schedule our conference adjacent to the annual meeting of the Association of American Medical Colleges (AAMC), typically in late October or early November.

Visit our website: <a href="http://www.thegeneralists.org/">http://www.thegeneralists.org/</a>

#### MEASSAGE FROM THE CHAIR



Welcome to our 35th Generalists in Medical Education annual conference. This year's conference theme is "Focus on the Patient: Education for the Future of Healthcare." The timeliness of our conference theme is apparent. The steering committee received more than 58 conference proposals, making it a competitive year to present. Many of the selected presentations target how we can best translate what is learned in the undergraduate and graduate medical curriculum to patient care. Virtually every presentation describes an innovative program that participants can adapt or adopt, which helps distinguish our conference as a practical learning opportunity.

We are also very excited this year about our continued collaboration with major organizations, such as the International Association of Medical Sciences Educators. We are pleased that we have representatives from the American Medical Association contribute to the conference. Another distinguishing conference feature includes a call for Special Interest Groups (SIGs). Inaugural SIG groups will meet Saturday morning, and a call for submitting additional SIGS will be relayed during the conference. Our conference is also fortunate to have Dr. Kenneth Shine as our keynote speaker. Dr. Shine is an experienced medical educator who has led efforts to improve clinical effectiveness, patient safety and public health. We look forward to his presentation.

The Generalists' membership is comprised of an outstanding group of medical educators. We have a dedicated steering committee leading the way. I want to thank each and every committee member for working so hard this year. You can see their names listed in the program. I want to thank specifically Carrie Calloway, our program chair. She has worked long hours and volunteered her talents to help make this conference a success. I also want to thank Eric Fox, who has offered his expertise to develop our Generalists website. Thank you Carrie and Eric! Finally, I would like to extend a heartfelt thank you to Dr. Norman Ferrari, Vice Dean for Education and Academic Affairs and Chair of the Department of Medical Education at the West Virginia University School of Medicine. He has supported our efforts to sponsor this important conference. As we look to the future, I sincerely believe that next year's chair, Larry Hurtubise, will continue the tradition of The Generalists as a leader in medical education innovation and collaboration.

I hope you enjoy the conference, make new friends and acquire new skills and knowledge that will benefit student learning!

Sincerely,

Scott Cottrell, 2014 Chair

#### LOCATION



Stay with The Generalists in Medical Education and experience the best in downtown Chicago hotels at the new Radisson Blu Aqua Hotel—the first Radisson Blu Hotel in the United States.

It is an architectural landmark designed by Jeanne Gang and can be identified by its wave-like forms of the balconies. This stunning hotel's optimal location in Chicago places it within walking distance of the city's most popular attractions, including Millennium Park, North Michigan Avenue and the Chicago lakefront. It is connected to the Pedway, Chicago's pedestrian system of underground tunnels and overhead bridges, that links more than 40 blocks in the Central Business District and which connects to CTA stations, commuter rail facilities, stores, and other hotels, including the Hyatt Regency and the Swissotel which are located right next to the Aqua.

This modern hotel features 334 guest rooms and suites, all of which include free high-speed, wireless Internet and treats guests to amazing views of the city. Enjoy complimentary access to a large, 8,000-square-foot state-of-the-art Fitness Centre, spa and pool. Take in every detail of the hotel's meticulously landscaped 80,000-square-foot modern lifestyle outdoor garden, which features a 1/5 mile running track, sundeck, fire pits, cabanas, dedicated yoga space, 25-yard lap pool, wading pool and hot tub.

Visit the Radisson Blu Aqua Hotel website for additional details and pictures of this beautiful hotel.

#### **CONFERENCE TYPES**

#### **Descriptive**

Presenters provide overviews of their projects, programs, or strategies in a common area. A session typically includes three to five presentations followed by discussion and exchange. A moderator introduces speakers and facilitates discussion.

#### **Panel Discussion**

Several individuals respond to questions and present their ideas regarding a specific issue or topic. A panel typically has representation from a cross-section of perspectives and/or institutions. A moderator facilitates panel comments and audience participation.

#### **Problem Solving**

Designed for intensive discussions focused on a particular theme or problem. The presenter provides stimulus material and organizes small-group interaction on the topic. After discussion, the small groups share ideas and develop a summary statement.

#### **Skills Acquisition**

Presenters teach particular skills or techniques to allow participants to gain increased competence in an area of medical education. Typical topics include consulting, measurement, evaluation, research, data analysis, curriculum and instructional design, and faculty development.

#### Roundtables

An informal opportunity for sharing experiences and ideas around special topics. Leaders briefly introduce their topic and then facilitate discussion among participants.

#### **Digital Posters**

Multiple presenters share unique programs, policies, measurement strategies, or projects that focus on medical education and its improvement.

## STEERING COMMITTEE & PROGRAM CHAIRS: 1980-2014

Year	Steering Committee Chair	Program Chair
1980	Larry Sachs, Cherry McPherson	Larry Sachs, Cherry McPherson
1981	Larry Sachs, Cherry McPherson	Terry Mast, Bill Anderson
1982	Terry Mast	Jayne Middleton
1983	Lynn Curry	John Markus, Emil Petrusa
1984	Jayne Middleton	Gwendie Camp
1985	John Markus	Julie Nyquist
1986	Gwendie Camp	Judy Calhoun, Joceylyn Ten Haker
1987	Carol Hasbrouck	Dennis Baker, Mary Pat Mann
1988	Jim Pearson	Phyllis Blumberg, Franklin Medio
1989	Judy Calhoun	John Norcini, Judy Shea, Lou Grosso
1990	Phyllis Blumberg	Carol Hasbrouck, Larry Sachs, Ajay Bhardwaj
1991	Emil Petrusa	Susan Labuda Schrop, Ellen Whiting, Lee Willoughby
1992	Jocelyn Ten Haken	Robert Bridgham
1993	Mary Pat Mann	Linda Perkowski
1994	Lee Willoughby	Phil Fulkerson
1995	Sue Fosson	Lloyd Lewis
1996	Linda Perkowski	Candice Rettie
1997	Ellen Whiting	Dennis Baker
1998	Ellen Whiting	Diane Heestand, Sheila Chauvin
1999	John Shatzer	Maria Clay, Heidi Lane, Steve Willis
2000	Diane Heestand	Julie Walsh, Bill Weaver
2001	Amy Blue	Barry Linger (program canceled)
2002	Phil Fulkerson	Carol Hodgson
2003	Ann Frye	Tim Van Susteren
2004	John Ullian	John Ullian and the Steering Committee
2005	Lou Grosso	Carol Hasbrouck and Sara Calvey
2006	Sheila Chauvin	Susan Labuda Schrop
2007	Dennis Baker	Scott Cottrell
2008	Cathy Lazarus	Elza Mylona
2009	James Shumway	Scott Cottrell
2010	Sonia Crandall	Nicole Borges
2011	Terry Stratton	Carol Thrush, Linda Deloney, Steven Boone
2012	Elza Mylona	Machelle Linsenmeyer
2013	Susan Labuda Schrop	Agatha Parks-Savage
2014	Scott Cottrell	Carrie Calloway

#### 2014 STEERING COMMITTEE

Scott Cottrell, Chair

Larry Hurtubise, Chair Elect

Susan Labuda Schrop, Immediate Past Chair

Carrie Calloway, 2014 Program Chair

Agatha Parks-Savage, 2013 Program Chair

**Britta Thompson**, Member-at-Large **John C. Luk**, Member-at-Large

Era Buck, Member-at-Large

Carol Hasbrouck, Treasurer

Eric Fox, Webmaster/Database

Terry Stratton, Past Chair

Elza Mylona, Nominations Chair

Julie Walsh-Covarrubias, Membership

West Virginia University School of Medicine

Ohio University Heritage College of Osteopathic Medicine

Northeast Ohio Medical University

West Virginia University School of Medicine

Eastern Virginia Medical School

University of Oklahoma College of Medicine

University of Texas Medical Branch University of Texas Medical Branch

University of Toledo Health Sciences Center

The Ohio State University

University of Kentucky College of Medicine

Eastern Virginia Medical School

University of Alabama School of Medicine

#### 2014 PROPOSAL REVIEWERS

Mark A.W. Andrews

The Lake Erie College of Osteopathic Medicine

S. Dennis Baker

Alabama College of Osteopathic

Medicine

**Elizabeth Bradley** 

University of Virginia School of Medicine

**Era Buck** 

University of Texas Medical Branch

**Carrie Calloway** 

West Virginia University School of

Medicine

Carol F. Capello

Weill Cornell Medical College

**Aleece Caron** 

Better Health Greater Cleveland

**Scott Cottrell** 

West Virginia University School of

Medicine

Julie B. Covarrubias

University of Alabama School of

Medicine

Judith C. French

Cleveland Clinic

Ann W. Frye

University of Texas Medical Branch

Nagaraj Gabbur

**SUNY Downstate Medical Center** 

Carol S. Hasbrouck

University of Toledo Health Sciences

Center

**Larry Hurtubise** 

Ohio University Heritage College of

Osteopathic Medicine

Kathy O'Kane Kreutzer

Virginia Commonwealth

University

Susan Labuda Schrop

Northeast Ohio Medical

University

Heidi A. Lane

Virginia Tech Carilion School of Medicine

Machelle Linsenmeyer

Oklahoma State University College of

Osteopathic Medicine

John Luk

University of Texas Medical Branch

Elza Mylona

Eastern Virginia Medical School

**Agatha Parks-Savage** 

Eastern Virginia Medical School

Susan M. Perlis

Cooper Medical School of Rowan

University

Sheryl Pfeil

The Ohio State University College of

Medicine

**Geraud Plantegenest** 

Michigan State University College of

**Human Medicine** 

Norma S. Saks

Rutgers Robert Wood Johnson Medical

School

Terry D. Stratton

University of Kentucky College of

Medicine

Anne M. Summer

University of New England College of

Osteopathic Medicine

Sami Tahhan

Eastern Virginia Medical School

**Britta Thompson** 

University of Oklahoma College of

Medicine

**Robert Treat** 

Medical College of

Wisconsin

**Carolyn Rohrer Vitek** 

College Of Medicine, Mayo Clinic

Stephanie Wragg

Central Michigan University College of

Medicine

# THE CONFERENCE FOR THE GENERALISTS IN MEDICAL EDUCATION

"Focus on the Patient: Education for the Future of Healthcare"

4:00pm-6:00pm Friday, November 7, 2014 **Pacific Foyer** Registration Opens 7:30am-3:00pm Saturday, November 8, 2014 **Pacific Foyer** Registration **Welcome and Program Overview** 7:30-7:45 Scott A. Cottrell, EdD Chair, The Generalists in Medical Education West Virginia University School of Medicine Pacific 1 & 2 Department of Medical Education Continental Breakfast and Roundtables 7:45-8:45 Developing a Needs Assessment for a Health Care Teaching Certificate Program for The Generalists Larry Hurtubise, Era Buck, Steve Davis, Elza Mylona, Gregory Turner Pacific 1 & 2 Building Effective Evaluations by Utilizing a Framework(s) of Assessment Carrie Bowler, Elissa Hall Interprofessional Education as a Means for Socializing Healthcare Professions Students John Szarek Professionalism in Medical School: Using an Evaluability Assessment and Developmental Evaluation to Plan and Build Capacity Bryna Koch Flipping the Classroom in Medical Education: Technological, Pedagogical, and Organizational *Implications* Heeyoung Han, Larry Hurtubise, Elissa Hall, Theresa Kristopaitis, Brian Moore, Geraud Plantegenest,

How Do Medical Schools Orient and Socialize Volunteer Faculty?

Ronald Flenner, William Anderson, Daniel Webster, Elza Mylona

**Teaching Faculty to Write Letters of Recommendation** 

Linda Deloney, Mollie Meek, Kedar Jambhekar

**8:45-9:00** BREAK

Caer Rohrer Vitek

9:00–10:30		
		Concurrent Sessions #1
		Accelerating Change in Medical Education: Four Models Aiming to Create a Unified Healthca
		Learning System
Pacific 1		
		Rajesh Mangulkar, Paul George, Bonnie Miller, Tonya Fancher  Fassising on Mangiage in Mangiage Educations Uses: Do Mangage Embadded Constructed
	NG E	Focusing on Humanism in Medical Education: How Do We Assess Embedded Constructs?
Adriatic/Aegean	PROBLEM SOLVING	Era Buck, Mark Holden, Karen Szauter
		(1) Teaching Systems-based Practice: An Easy Way Leading to Practical Learning
		Lisa Weiss, Susan Labuda-Schrop, LuAnne Stockton
	]VE	(2) Two Looks Are Better Than One: Second Look Day at the Medical College of Wisconsin
Baltic/Bering	DESCRIPTIVE	Jennifer Haluzak, Diane Wilke-Zemanovic, Jose Franco
	DESC	(3) Any Questions? Using Micromessaging to Promote Student Engagement  Adam Saparstoin Christian Lodford Lauren Cafforty, Stacov McClintick
		Adam Saperstein, Christian Ledford, Lauren Cafferty, Stacey McClintick  (4) Why and How: Strategies for Integrating Addiction Medicine into the MD Curriculum
		Lisa Fore-Arcand, Jessica Mees-Campbell
10:30-10:45	BREAK	
10:45–12:30		Concurrent Sessions #2
	N O	Mapping Narratives: Using Narrative Medicine in Your Teaching Practice
Pacific 1	SKILL	Rosa Lee, Samantha Barrick
Pacific 1		Nosa Ecc, Samantha Barrick
	AC	Familitation Callabauntina Inquire to Develop Unite of land
	NO.	Facilitating Collaborative Inquiry to Develop Habits of Inquiry
Adriatic/Aegean	SKILL	Elissa Hall, Carrie Bowler
, ,	SKILL ACQUISITION	
		Professional Identity Formation Explored! Applying a PIF Web Resource to Patient-centered
	<b>Σ</b> ڻ	Education
Baltic/Bering	PROBLEM SOLVING	*Participants should bring a laptop or mobile device to this interactive session. The following resource will be utilized: <a href="http://ar.utmb.edu/timepif/home">http://ar.utmb.edu/timepif/home</a>
		John Luk, John Dalrymple, Mark Holden, Era Buck

12:45-1:50 Lunch

### 21st Century Medicine – A Team Sport

Pacific 1 & 2

Kenneth I. Shine, M.D.
University of Texas System



**Kenneth I. Shine, MD**, is Special Advisor to the Chancellor, University of Texas System. He is currently overseeing the development of a new medical school in South Texas as well as one in Austin. Prior to his role as Special Advisor, Dr. Shine served as Executive Vice Chancellor for Health Affairs. In that capacity he was responsible for the six U. T. System health initiatives and their aggregate operating budget of almost \$8.4 billion. He has led system wide initiatives in clinical effectiveness, patient safety, and public health, as well as efforts to transform medical education. He was President of the Institute of Medicine (IOM), from 1992-2002. Under Dr. Shine's leadership, the IOM played an important and visible role in addressing key issues in medicine and healthcare. IOM reports published on quality of care and patient safety heightened national awareness of these issues. Dr. Shine served as President of the American Heart Association in 1985-86.

As founding Director of the RAND Center for Domestic and International Health Security, Dr. Shine led the Center's efforts to make health a central component of U.S. foreign policy and guide the Center's evolving research agenda. Dr. Shine is Professor of Medicine Emeritus at the University of California, Los Angeles (UCLA) School of Medicine. Before becoming president of the IOM, he was Dean and Provost for Medical Sciences at UCLA.

2:00–4:00	Concurrent Sessions #3	
		Stop Lecturing Me!! Keep Me Engaged!!!
Pacific 1	SKILL ACQUISITION	Raghu Kasetty, Mary Beth Wroblewski, Bernard Kinane, Mahesh Sharman, Bob Dudas, Angela Thompson-Busch  *Participants should bring a laptop or mobile device to this interactive session.
Adriatic/Aegean	SKILL ACQUISITION	How Am I Doing? How to Help Learners Seek Feedback Successfully  Dennis Baker, Suzanne Bush, Elizabeth Hengstebeck, John Woods, Julie Covarrubias
Baltic/Bering	PROBLEM	A Meaningful Longitudinal IPE for Medical Students in the Clinical Years—Can It Be Accomplished?  John Luk, Mrinalini Kulkarni-Date, Barbara Jones, Farya Phillips, Kendra Koch, Gayle Timmerman, Cindy Carlson, Patrick Davis
<b>4:00-4:15</b> BREAK		
4:15–5:45 Concurrent Sessions #4		
Pacific 1	PANEL	Bridges Across the Educational Continuum: Preparing Medical Students for Their Next Stage of Training  Carol Hasbrouck, Imran Ali, James Kleshinski, Paul Schaefer
Adriatic/Aegean	PROBLEM SOLVING	Using the Social Web to Create a Learning Space for Faculty Development  Kenneth X Warren, Kathy O'Kane Kreutzer, Teresa Carter
Baltic/Bering	DESCRIPTIVE	<ul> <li>(1) Effects of Gender and Myers-Briggs Type in Determining which Students Benefit from a Flipped Classroom for Medical Education         Jeffrey Holt, Mark White, Jackie Ghormoz, Ying Sung, John Szarek     </li> <li>(2) The Application of the Choosing Wisely Campaign in Resident Education         Mircea Olteanu, Steven Ricanati, Adam Perzynski     </li> <li>(3) A Model of Mid-year Feedback for Longitudinal Integrated Clerkships         Edward Simanton     </li> <li>(4) What Have We Learned? A Critical Look at Commonly Used Faculty Development         Methods for Teaching Essential Clinical Teaching Skills         Dennis Baker, Ellen Whiting, Susan Labuda Schrop     </li> </ul>
6:00-8:00		

		Sunday, November 9, 2014
7:00-8:00	C	Continental Breakfast and Special Interests Groups (SIGs)
Pacific 1 & 2		
8:00–9:30		Concurrent Sessions #1
	N O	Meeting the ACGME Competency for Interpersonal Skills and Communication – Teaching Do
altic/Bering	SKILL ACQUISITION	Pam Duke, Dennis Novack
	ַ עַ	Health Care Education across and beyond the Continuum: From Aspirations to Best Practices
driatic/Aegean	PROBLEM	Peter de Jong, Larry Hurtubise, Carol Hasbrouck, Era Buck
Pacific 1	DIGITAL POSTER	<ul> <li>(a) Does a Pass/Fail Pre-Clinical Grading System Make a Difference? Survey Data from Faculty and Students         Zachary Turnbull, Jonathan Eskreis-Winkler, Carol Capello, Peter Marzuk, Carol Storey-Johnson     </li> <li>(2) Mobile Learning Literature Review: What Evidences Have Been Reported?         Heeyoung Han, Geraud Plantegenest, Caer Rohrer Vitek, Larry Hurtubise, Rahul Patwari     </li> <li>(3) Plant a Seed; Watch it Flower: Using the Healthy Smiles Curriculum to Teach Primary Care Practitioners         David Wank, Hema Senthilkumar, Mircea Olteano, Francine Hekelman, Feras Ghazal     </li> <li>(4) The Importance of Teamwork in Healthcare for Effective Communication and Care of Older Adults         Mai Sedki, Jennifer Mendez, Stephen Bruer, Diane Levine     </li> <li>(5) Culture Is Eating Our Personal Learning Plan Strategy for Lunch: Slow Progress Towards a Learning Culture of Continuous Quality         Matt Emery, Dianne Wagner, Rebecca Henry, Brian Mavis     </li> <li>(6) Using Virtual Standardized Patients (VSP) to Assess History Taking Skills in Medical Students         Douglas Danforth, Alan Price, Kellen Maicher, Douglas Post, Beth Liston, Cynthia Ledford, David Way, Holly Cronau     </li> <li>(7) Room for Socratic Style in Medical School? Evaluation of a Novel Interdisciplinary Semina Manas Nigam</li> </ul>
9:30-9:45		BREAK

9:45–11:15	0:45–11:15 Concurrent Sessions #2		
Pacific 1	PROBLEM SOLVING	Back to Basics in Preparation for the Future: A Critical Look at Teaching and Assessing Clinical Skills Mary Smith, Carol Hasbrouck, John Davis, Mary McIlroy	
Adriatic/Aegean	SKILL ACQUISITION	Skills Building in Academic Activity Business Case Development  James Campbell, Amy Zack, David Wank	
Baltic/Bering	DESCRIPTIVE	(1) A Review of Self-Evaluations: Common Themes among Medical Students Nicholas Voutsinas, Nagaraj Gabbur, Michele Haughton (2) Evaluation of an Innovative Health Coach Project in One School's Lead.Serve.Inspire Curriculum Cynthia Ledford, Don Mack, Doug Post, Doug Danforth, Lorraine Wallace, John Davis, Rollin Nagel (3) Need a More Robust Curriculum Inventory? Consider Bloom Susan Labuda Schrop, Lisa Weiss, Heather McEwen, Cristina Basaran (4) Patient-centered Care Challenges and Surprises: Students Weigh In Victoria Boggiano, Yufan Wu, Erika Schillinger	
<b>11:15-11:30</b> BREAK			
11:30–1:00		Concurrent Sessions #3	
Pacific 1	PROBLEM SOLVING	Learning the Ropes: What New Course Directors Need to Know  Elza Mylona, Carol Elam	
Adriatic/Aegean	PROBLEM SOLVING	ePortfolios: Tools, Strategies, and Standards across the Continuum  Machelle Linsenmeyer, Carrie Calloway	
Baltic/Bering	SKILL ACQUISITION	Faculty Development in the Milestone Era: The Necessity of Direct Observation and Feedback for Performance Improvement  Judith French, Colleen Colbert, Lily Pien	
1:00-2:00 BUSINESS MEETING/FUTURE OF THE GENERALISTS			

#### SPECIAL INTEREST GROUPS

**Faculty Affairs and Development:** The purpose of the Faculty Affairs & Development (FAD) special interest group is to build a community of faculty interested in emerging faculty affairs issues that promote institutional and professional growth and willing to share best practices to advance our teaching, research, and leadership roles.

**Interprofessional Education:** This special interest group provides a forum for discussion and collaboration on issues related to the implementation and assessment of Interprofessional education in health sciences education. Educational scholarship and research regarding the impact of IPE on health care outcomes and patient care will also be a focus of this group.

**Wellness:** The Wellness special interest group will focus on discussions related to learner wellness and self-care during their educational program from medical school through residency training.

**Educational Technology:** The Educational Technology special interest group is interested in the classroom, web based and mobile technologies integral to the education of Health Care Professionals. Flipped classrooms, cloud based computing and smart devices are all fair game for these generalists.

**Evaluation, Assessment Research:** This special interest group provides a forum for discussion and collaboration among educators interested in issues of learner assessment, program or curriculum evaluation and education scholarship / research. We share solutions to common problems and generate ideas to advance our practice in this arena.

# PRESENTATION AUTHORS/INSTITUTIONS

Adam K Saperstein	Uniformed Services University
	of the Health Sciences
Adam Perzynski	The MetroHealth System,
	Case Western Reserve University
Alan Price	Ohio State University College of Medicine
Aleece Caron	The MetroHealth System,
Alcece Caron	Case Western Reserve University
Amy M Zack	The MetroHealth Medical Center,
7y <u></u>	Case Western Reserve University
Angela Thompson- Busch	Michigan State University
Barbara Jones	UT Austin
Bernard Kinane	Massachusetts General Hospital
Beth Liston	Ohio State University College of
	Medicine
Bob Dudas	Johns Hopkins University
Bonnie M Miller	Vanderbilt University
Brian Mavis	Michigan State University College
	of Human Medicine
Brian Moore	Southern Illinois University School
	of Medicine
Bryna Koch	University of Arizona College of Medicine
Caer Rohrer Vitek	Mayo Clinic
Carol Capello	Weill Cornell Medical College
Carol Elam	UKCOM
Carol S. Hasbrouck	University of Toledo
Carol Storey- Johnson	Weill Cornell Medical College
Carrie A. Bowler	Mayo Clinic
Carrie Calloway	West Virginia University School
	of Medicine
Christian Ledford	Uniformed Services University
	of the Health Sciences
Cindy Carlson	UT Austin
Colleen Y. Colbert	Cleveland Clinic Lerner College of
	Medicine of Case Western Reserve
	University, Texas A&M Health
	Science Center College of
	Medicine
Cristina Basaran	Northeast Ohio Medical University
Cynthia H Ledford	The Ohio State University
Daniel M. Webster	MSU College of Human Medicine
David T Wank	MetroHealth System
David Way	The Ohio State University
Dennis Novack	Drexel University College of Medicine

Diane Levine	Wayne State University School of Medicine
Diane Wilke- Zemanovic	Medical College of Wisconsin
Dianne Wagner	Michigan State University- College of Human Medicine
Don Mack	The Ohio State University
Douglas Danforth	The Ohio State University
Douglas Post	The Ohio State University
Edward G Simanton	USD Sanford School of Medicine
Elissa Hall	Mayo Clinic College of Medicine
Elizabeth Hengstebeck	Alabama College of Osteopathic Medicine
Ellen G. Whiting	Northeast Ohio Medical University
Elza Mylona	Eastern Virginia Medical School
Era Buck	UTMB
Erika Schillinger	Stanford School of Medicine
Farya Phillips	UT Austin
Feras Ghazal	MetroHealth Medical Center
Francine Hekelman	MetroHealth Medical Center
Gayle Timmerman	UT Austin
Geraud Plantegenest	Michigan State University College of Human Medicine
Gregory Turner	Florida State University College of Medicine
Heather McEwen	Northeast Ohio Medical University
Heeyoung Han	Southern Illinois University School of Medicine
Hema Senthilkumar	MetroHealth Medical Center
Holly Cronau	Ohio State University College of Medicine
Imran Ali	University of Toledo
Jackie Ghormoz	The Commonwealth Medical College
James Campbell	MetroHealth System
James Kleshinski	University of Toledo
Jeffrey Holt	The Commonwealth Medical College
Jennifer Haluzak	Medical College of Wisconsin
Jennifer Mendez	Wayne State University School of Medicine
Jessica Mees- Campbell	Eastern Virginia Medical School
John C Luk	UTMB
	UTMB UT Southwestern Austin

John L Szarek	The Commonwealth Medical College
John Woods	Alabama College of Osteopathic Medicine
Jonathan Eskreis- Winkler	Weill Cornell Medical College
Jose Franco	Medical College of Wisconsin
Judith C French	Cleveland Clinic
Julie Covarrubias	Alabama College of Osteopathic Medicine
Karen Szauter	UTMB
Kathy O'Kane Kreutzer	Virginia Commonwealth University School of Medicine
Kedar Jambhekar	College of Medicine University of Arkansas for Medical Sciences
Kellen Maicher	Ohio State University College of Medicine
Kendra Koch	UT Austin
Kenneth X Warren	Virginia Commonwealth University School of Medicine
Larry C Hurtubise	Ohio University Heritage College of Osteopathic Medicine
Lauren Cafferty	Uniformed Services University of the Health Sciences
Lily C. Pien	Clinic and Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
Linda A. Deloney	University of Arkansas for Medical Sciences
Lisa Fore-Arcand	Eastern Virginia Medical School
Lisa N. Weiss	Northeast Ohio Medical University
Lorraine Wallace	The Ohio State University
LuAnne Stockton	Northeast Ohio Medical University
Machelle	Oklahoma State University Center
Linsenmeyer  Mahesh Sharman	for Health Sciences  Michigan State University
Mai Sedki	Wayne State University - School of Medicine
Manas Nigam	University of Chicago Pritzker
Mark Holden	School of Medicine UTMB
Mark Quirk	American Medical Association
Mark V White	The Commonwealth Medical
TAIGIL A AAIIICE	College
Mary Beth Wroblewski	University of Toledo
Mollie E. Meek	College of Medicine University of Arkansas for Medical Sciences
Mary McIlroy	The Ohio State University
Mary R. Smith	University of Toledo
Matt Emery	Michigan State University College of Human Medicine
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Michele Haughton	SUNY Downstate Medical Center
Mircea Olteano	MetroHealth Medical Center
Mrinalini Kulkarni- Date	UT Austin
Nagaraj Gabbur	SUNY Downstate Medical Center
Nicholas Voutsinas	SUNY Downstate Medical Center
Pam Duke	Drexel University
Patrick Davis	UT Austin
Paul George	Brown University
Paul Schaefer	University of Toledo
Peter de Jong	IAMSE, USA
Peter M Marzuk	Weill Cornell Medical College
Raghu Kasetty	Michigan State University
Rahul Patwari	Rush University
Rajesh S Mangulkar	University of Michigan
Rebecca C Henry	Michigan State University- College of Human Medicine
Rollin Nagel	The Ohio State University
Ronald Flenner	Eastern Virginia Medical School
Rosa Lee	Sophie Davis School of Biomedical
	Education/City College of New York
S. Dennis Baker	Alabama College of Osteopathic Medicine
Samantha Barrick	Sophie Davis School of Biomedical Education
Stacey McClintick	Uniformed Services University of the Health Sciences
Stephen Bruer	Wayne State University School of
<u> </u>	Medicine
Steve S. Davis	Ohio University Heritage University College of Osteopathic Medicine
Steven Ricanati	The MetroHealth System, Case
	Western Reserve University
Susan Labuda Schrop	Northeast Ohio Medical University
Suzanne Bush	Alabama College of Osteopathic
Teresa Carter	Medicine Virginia Commonwealth University
	School of Medicine
Theresa Kristopaitis	Loyola University Chicago Stritch
Tonya Fancher	School of Medicine University of California Davis
Victoria Boggiano	Stanford School of Medicine
William A. Anderson	Michigan State University
Ying Sung	The Commonwealth Medical
Vfor W.	College Stanford Cohool of Madigina
Yufan Wu	Stanford School of Medicine
Zachary Turnbull	Weill Cornell Medical College