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University of Michigan
Department of Physical Medicine and Rehabilitation
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Education and Training

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| 8/1995-5/1999 | The Pennsylvania State University
University Park, Pennsylvania
Bachelor of Science in Biology, awarded with Distinction
and with Honors in Biology |
| 8/1999-5/2003 | Case Western Reserve University
School of Medicine
Cleveland, Ohio
Doctor of Medicine |
| 7/2003-6/2004 | Intern, Saint Joseph Mercy Hospital
Ann Arbor, MI
Internal Medicine — Preliminary Year |
| 7/2004-6/2007 | Resident Physician, University of Michigan Health System
Department of Physical Medicine and Rehabilitation |
| 9/2007-5/2009 | University of Michigan
Horace H. Rackham School of Graduate Studies OJ/OC &
K-30 Training Program in Clinical Research
Ann Arbor, MI
Master of Science in Clinical Research Design & Statistical
Analysis (<i>anticipated</i>) |

Certification and Licensure

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| 2007- present | State of Michigan Board of Medicine License and Board of
Pharmacy Controlled Substance License |
| 2008 - present | American Board of Physical Medicine and Rehabilitation
Board Certification |

Research Interests

- 1997-1999 The Pennsylvania State University, Department of Biology.
Project: Analysis of Community Composition and Trophic Interactions in a Hydrothermal Vent Vestimentiferan Tubeworm Community Collection.
Advisor: Charles R. Fisher, Ph.D.
- 2000-2003 Case Western Reserve University, MetroHealth Medical Center, Department of Emergency Medicine.
Project: Emergency Management of Nontraumatic Intracranial Hemorrhage.
Advisor: John E. Duldner, M.D.
- 2005-Present University of Michigan, Department of Physical Medicine and Rehabilitation.
Project: Evaluating a Clinical Measure of Reaction Time.
Advisor: James K. Richardson, M.D.

Grants

Howard Hughes Summer Undergraduate Research Associateship. Awarded, 1998.

Student Scholarship in Cerebrovascular Disease, sponsored by the American Stroke Association's Stroke Council, a division of the American Heart Association. Awarded, 2002.

Advanced Rehabilitation Research Training Grant, sponsored by The National Institute on Disability and Rehabilitation Research. \$2,000, Awarded January 1, 2006.

Foundation for Physical Medicine and Rehabilitation 2007 Education Research Fund New Investigator Award. \$10,000, Awarded September 28, 2007.

University of Michigan Sport Injury Prevention Center 2007 Pilot Research Grant Award. \$40,000, Awarded December, 13, 2007. (Co-Investigator)

Awards and Honors

- Invitation into The Schreyer Honors College (Fall 1997)
- The Edward C. Hammond Memorial Scholarship (Spring 1998)
- Dean's List and Eberley College of Science Academic Honors (Fall 1995-Spring 1999)
- Award winner at The Pennsylvania State University Eighth Annual Research Fair (Spring 1999)
- Bachelor of Science degree awarded with Distinction and With Honors (May 1999)
- Second place award at the Primary Care Track Health Promotion & Disease Prevention Research Day (November 2000)
- SOS Medical Scholarship from The Cuyahoga County Medical Foundation (2000-2001; 2001-2002; 2002-2003)
- Grade of Honors awarded in Family Medicine (7/2001) and Medicine (8-10/2001) Core Academic Clerkships, as well as Generalist grade of Honors (6/2001-5/2002)
- Award winner at the Primary Care Track Health Policy Day (March 2003)
- Best PGY-III Resident Presentation at the Fourth Annual Theodore M. Cole Resident Research Day (2005)
- Rehabilitation Medicine Scientist Training Program Pre-Applicant Award, sponsored by the Association of Academic Physiatrists (2006)
- Resident Chair for Research, University of Michigan (2006-2007)
- Best PGY-IV Resident Presentation at the Fifth Annual Theodore M. Cole Resident Research Day (2006)
- Gary Davidoff Memorial Research Award, University of Michigan Department of Physical Medicine & Rehabilitation (2007)
- Theodore M. Cole, M.D. Award, University of Michigan Department of Physical Medicine & Rehabilitation (2007)

Memberships in Professional Societies

1999- Present	American Medical Association
2004- Present	American Academy of Physical Medicine and Rehabilitation
2006- Present	Association of Academic Physiatrists
2007- Present	Michigan NeuroSport
2007- Present	American College of Sports Medicine

Editorial Positions, Boards, and Peer-Review Service

2008- Present	Reviewer, The Spine Journal
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Teaching

2007-2008	Research mentor to SriKrishna Chandran, M.D.
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Committee, Organizational, and Volunteer Services

2007- Present	University of Michigan PM&R Resident Education Committee Member
September, 2007	University of Michigan PM&R 6A Process Committee
2008- Present	University of Michigan PM&R Resident Research Fund Committee Member

Visiting Professorships, Seminars, and Extramural Invited Presentations

1. Emergency Management of Intracerebral Hemorrhage. Presented at the 110th Annual Meeting of the Ohio Academy of Science, Mount Union, Ohio, March 2001.
2. Emergency Department Management and Outcome of Spontaneous Intracerebral Hemorrhage. Poster presented at the 28th International Stroke Conference of the American Stroke Association, A Division of the American Heart Association, Phoenix, Arizona, February 2003.
3. Case presentation- A patient with chronic low back pain. Presented at The 22nd Annual James W. Rae Scientific Day and Lecture, Ann Arbor, Michigan, May 2005.
4. Evaluating a Clinical Measure of Response Time. Presented at the Fourth Annual Theodore M. Cole Resident Research Day, Ann Arbor, Michigan, November 4, 2005.
5. Case presentation- A quadrimembral amputee. Presented at The 23rd Annual James W. Rae Scientific Day and Lecture, Ann Arbor, Michigan, May 5, 2006.
6. Evaluating a Clinical Measure of Response Time. Presented at the Fifth Annual Theodore M. Cole Resident Research Day, Ann Arbor, Michigan, October 19, 2006.

7. Evaluating a Clinical Measure of Reaction Time. Poster presented at the 67th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, Honolulu, Hawaii, November, 2006.
8. Evaluating a Clinical Measure of Reaction Time: Update & Future Directions. Kathlene Zunich Kielb Memorial Lecture presented at the 24th Annual James W. Rae Scientific Day and Lecture, Ann Arbor, Michigan, May 4, 2007.
9. Pilot Evaluation of a Novel Test of Reaction Time in Division I College Football Players. Poster presented at the 55th Annual Meeting of the American College of Sports Medicine, Indianapolis, Indiana, May, 2008.
10. Biomechanical Analysis and Sport-Related Functional Correlates of a Clinical Measure of Reaction Time. Poster presented at the Michigan Institute for Clinical and Health Research Annual Clinical Research Symposium, Ann Arbor, Michigan, October 31, 2008.
11. EMU Athletic Training In-Service: Concussion Primer. Co-presented with Jeffrey S. Kutcher at Eastern Michigan University, Ypsilanti, Michigan, November 4, 2008.
12. Pioneer High School Hockey: Concussion Primer. Co-presented with Jeffrey S. Kutcher at the Ann Arbor Ice Cube, Ann Arbor, Michigan, November 7, 2008.

Other Presentations

1. Community Composition and Species Diversity from a Hydrothermal Vent Vestimentiferan Tubeworm Clump Collection. Poster presented at The Howard Hughes Summer Undergraduate Research Fair, University Park, Pennsylvania, July, 1998.
2. Analysis of Community Composition and Trophic Interactions in a Hydrothermal Vent Vestimentiferan Tubeworm Community Collection. Poster presented at The Pennsylvania State University Eighth Annual Undergraduate Research Fair, University Park, Pennsylvania, March, 1999.
3. Nontraumatic Intracranial Hemorrhage Before and After Published Guidelines: Mortality and Management. Presented at the Case Western Reserve University School of Medicine—Primary Care Track Health Promotion & Disease Prevention Research Day, Cleveland, Ohio, November, 2000.
4. Evaluation of Spontaneous Intracerebral Hemorrhage Management Guidelines. Presented at the Case Western Reserve University School of Medicine—Primary Care Track Health Policy Day, Cleveland, Ohio, March, 2003.
5. A Randomized, Placebo-Controlled Trial of Intradiscal Electrothermal Therapy for the Treatment of Discogenic Low Back Pain. Grand Rounds Journal Club presented at the University of Michigan Health System, Ann Arbor, Michigan, February 2005.
6. Sport-Related Mild TBI or “Sports Concussion.” Presented at the Department of Physical Medicine and Rehabilitation Grand Rounds, University of Michigan Health System, Ann Arbor, Michigan, December, 2005.
7. Prolotherapy: the Theory and the Evidence. Presented at the Department of Physical Medicine and Rehabilitation Grand Rounds, University of Michigan Health System, Ann Arbor, Michigan, October, 2007.

Bibliography

Peer-Reviewed Journals and Publications

1. Govenar BW, Bergquist DC, Urcuyo IA, Eckner JT, Fisher CR. Three *Ridgeia piscesae* assemblages from a single Juan de Fuca Ridge sulphide edifice: structurally different and functionally similar. *Cahiers de Biologie Marine*. 2002; 43: 247-252.
2. Bergquist DC, Eckner JT, Urcuyo IA, Cordes EE, Hourdez, S, Macko SA, Fisher CR. Using stable isotopes and quantitative community characteristics to determine a local hydrothermal vent food web. *Marine Ecology Progress Series*. 2007; 330: 40-65.

Non-Peer-Reviewed Publications

1. Analysis of Community Composition and Trophic Interactions in a Hydrothermal Vent Vestimentiferan Tubeworm Community Collection, May 1999. (Undergraduate Honors Thesis: Dr. Charles R. Fisher, Thesis Supervisor)

Abstracts

1. Eckner JT, Brumwell EP, Cottle PM, Duldner JE. Emergency Management of Intracerebral Hemorrhage. *The Ohio J Science* 101.1:29, 2001.
2. Duldner JE, Eckner JT, Bear TC. Emergency Department Management and Outcome of Spontaneous Intracerebral Hemorrhage. *Stroke: Journal of the American Heart Association* 34.1:276, 2003.
3. Eckner J, Whitacre R, Kirsch N, Richardson J. Evaluating a Clinical Measure of Reaction Time. *Archives of Physical Medicine and Rehabilitation* 87.11: e10, 2006.
4. Eckner JT, Kutcher JS, Chandran SK, Richardson, JR. Pilot Evaluation of a Novel Test of Reaction Time in Division I College Football Players. *Medicine & Science in Sports & Exercise* 40.5S210, 2008.
5. Chandran S, Eckner J, Richardson J. Investigating the Role of Feedback and Motivation in Clinical Reaction Time Assessment. *Archives of Physical Medicine and Rehabilitation* 89.11: e62, 2008.