

Leor Christina Zellner, Ph.D.

Assistant Professor, Academy for Teaching and Learning, Ross University School of Medicine

EDUCATION AND PROFESSIONAL TRAINING

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| 1998 – 2002 | University of Tampa | BS Marine Science Chemistry |
| 2003 – 2011 | West Virginia University | PhD Cellular and Integrative Physiology |
| 2014 – 2015 | Ross University School of Medicine | Master Educator Training Program Fellow |

RELEVANT EMPLOYMENT HISTORY

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|----------------|------------------------------------|---|
| 2016 – present | Ross University School of Medicine | Assistant Professor, ATL |
| 2011 – 2014 | Community Counseling Services | Therapeutic Staff Support |
| 2008 – 2009 | Resident House Director | Alpha Phi Fraternity, Beta Iota Chapter |

TEACHING AND EDUCATIONAL SUPPORT EXPERIENCE

| Course / Activity | Dates of Service | Role/Contribution |
|--|------------------|--|
| Essential Lifelong Learning Skills Course: All Semesters | 1/2018 – 2/2019 | Campus Lead for all courses |
| Essential Lifelong Learning Skills Course: Sem 03/3x/04 | 1/2017 – 12/2017 | Course Director |
| Peer Tutoring Program | 3/2016 – present | Lead |
| Pre-Mini Workshops | 1/2016 – 12/2017 | Facilitator / Organizer / Coordinator |
| CTL/ATL- New Student Orientation and Continuing Student Orientation | 1/2016 – present | Facilitator / Presenter |
| Academic Support (Academic Enhancement Program; Academic Support Program) | 1/2016 – present | Facilitator |
| Essential Lifelong Learning Skills Course: Semesters, 1, 02, 2x, 03, 3x, 04, 4x, 05 | 1/2016 - present | Facilitator of small group sessions, 1:1 coaching meetings |
| Foundations of Medicine, Digestive 1 Module: Histology of the Liver and Biliary System | 5/2015 | Lecturer |
| Working with Questions (small group formative assessments) | 9/2014 – 9/2017 | Facilitator |
| Case Based Cognitive Skills | 9/2014 – 9/2015 | Facilitator |

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| Support for special needs students, utilizing Applied Behavior Analysis to assist in behavior modification | 2011 – 2014 | Therapeutic Staff Support |
| PSIO 441: Mechanisms of Body Function: Body Fluid Regulation | 2006, 2007 | Guest Lecturer |
| CCMD 730: Human Function; Physiology Small Group | 2005 | Peer Moderator |

EDUCATIONAL TECHNOLOGY INITIATIVES

| Initiative Title | Dates of Service/ Time Commitment | Role/Contribution |
|---|--------------------------------------|---|
| Support for student transition to online content delivery | 4/2020 – present | Training and support of students in best practice use of variety educational technology platforms (ex. Zoom, Teams, Turning Point Online, InteDashboard, Canvas) |
| Move to online content delivery (Formative Assessment, Team Based Learning, Office Hours) | 4/2020 – present; 300+ hours | Training and support of faculty in best practice use of variety educational technology platforms (ex. Zoom, Teams, Turning Point Online, InteDashboard, Canvas) |
| RUSM Curriculum Redesign: Technology Resources Subcommittee | 3/2019 – 9/2019 | Chair |
| InteDashboard (TBL platform) Pilot | 1/2019 – 8/2019 | Liaising with vendor to trial platform for use in TBL sessions. |
| Faculty iPad Training/ Apple Teacher Training | 1/2019 – 4/2019 | Provided skill building workshops for faculty. |
| ScholarRx Pilot, Testing, Faculty Demonstrations | 7/2018 – 5/2021 | Liaising with vendor to trial platform for use in student support and curriculum. |
| Educational Technology Task Force | 2018 – 2019 | Collaboration on introduction of new educational technology |
| RUSM iPad Pilot and iPad Project | 1/ 2016 – present | Data collection on usage, developing plans for incorporating iPads into curriculum, training for faculty and students on usage, assisted in coordination of in-person distribution. |
| Osmosis Pilot | 2016 – 2017 | Liaising with vendor to collect usage data and develop new offerings for students. |

SERVICE – COMMITTEE AND TASK FORCES

| Committee Name | Dates of Service | Role/Contribution |
|---|-------------------------|-------------------------------------|
| RUSM Admissions Committee | Appointed 8/2021 | Co-Chair |
| RUSM Institutional Policy Review Committee | Appointed 4/2021 | Chair |
| RUSM Curriculum Committee: Diversity, Equity, and Inclusion Subcommittee | 1/2021 – present | Member |
| RUSM Faculty Senate (charter revised; new elections held) | 9/2020 – present | Member, Secretary (9/2020 – 4/2021) |
| RUSM Continuous Quality Leadership Initiative: Faculty | 12/2019 - present | Member |
| RUSM Faculty Senate | 9/2019 – 9/2020 | Steering Committee |
| RUSM CAAMP-HP Accreditation sub-committees: Curriculum Management; Information Resources and Library Services | 7/2019 – 9/2019 | Member |
| RUSM Curriculum Redesign Subcommittees: Faculty Development, Content, Pedagogy | 3/2019 – 9/2019 | Member |
| RUSM Living Learning Communities, Strategic Planning Committee | 1/2019 – present | Academic Enhancement Pillar Co-Lead |
| RUSM Admissions Committee Member | 3/2018 – present | Member |
| Post-Hurricane Maria Dominica Campus Evacuation | 9/2017 | Coordinator / Liaison |
| RUSM IRB | 3/2016 – 10/2020 | Member |
| RUSM DMB Accreditation sub-committee: Medical Students: Learning Environment | 2/2016 – 1/2017 | Member |
| RUSM Library Information Service Committee | 1/ 2016 – 1/2018 | Member |

PROFESSIONAL ACTIVITIES

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| Societal memberships | 1/2016 – present | International Association of Medical Science Educators (IAMSE) |
| | 1/2016 – present | Association of Medical Educators in Europe (AMEE) |
| Continuing education courses | 10/2019 | Warren Alpert Medical School of Brown University - FOMO*: <i>Keeping Current with Digital Technology in Medical Education</i> (*Fear of Missing Out) |
| | 10/2018 | Harvard Macy Institute: Health Care Education 2.0- Transforming your teaching for the digital age |
| | 2/2017 | AMEE: Essential Skills in Medical Education (ESME) Online – Leadership in Medical Education |
| | 9/2016 – 12/2016 | AMEE: Essential Skills in Medical Education (ESME) Online |
| | 4/2016 | BIDCMC Center for Education, Harvard Medical School: Principles in Medical Education: Maximizing your Teaching Skills Course |

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| Conferences Attended | 8/2021 6/2017, 6/2018, 6/2019, 6/2020 5/2017, 5/2018 2015 | AMEE IAMSE MedBiquitous- Johns Hopkins University Association for the Study of Medical Education (ASME) – Edinburgh, Scotland |
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RESEARCH EXPERIENCE

| Title of Research Project | Funding Amount and Source (if any) |
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| Neurotrophic Regulation of Airway Sensory Development | \$89,718; NIH31085916 National Institutes of Health, National Heart, Lung, and Blood Institute |
| Effects of Age and Early Life Ozone Exposure on the Developmental Dynamics of Afferent Airway Neurons in Postnatal Rats | Partially funded; NIH31085916 National Institutes of Health, National Heart, Lung, and Blood Institute |

PUBLICATIONS

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| Peer-reviewed full papers in academic journals | Zellner LC , Brundage KM, Hunter DD, Dey RD. 2011. Early postnatal ozone exposure alters rat nodose and jugular sensory neuron development. <i>Toxicol Environ Chem.</i> ; 93(10):2055-2071. PMID: 22140294 |
| Published Abstracts | Hayse B, Zellner L , Mayer J, Ahmad K. 2021. Developing Inclusive Learning Communities as Vehicles to Achieve Greater Student Success. AMEE Annual Conference, Virtual. #W13 Zellner L , Hunter D, Brundage K, Dey R. 2009. Tracheal epithelium innervation and sensory neuron number in the nodose and jugular ganglia of rats. FASEB Annual Scientific Meeting: New Orleans, LA Puce A, McNeely M, Carrick O, Berrebi M, Epling J, Thompson JC, Hardee JE, Zellner L , Brefczynski-Lewis J. 2008. N170 amplitude reflects the seen number of faces irrespective of low-level stimulus variables. <i>OHBM Annual Scientific Meeting</i> . #714 |

PRESENTATIONS, CONFERENCE AND WORKSHOP ACTIVITIES

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| Oral presentations | Zellner L , Hunter D, Batchelor T, Dey R. 2007. Airway sensory neuron development in postnatal fisher 344 rats. Minority Trainee Research Forum: Miami, FL. |
| Workshop or Symposium Chair/Facilitator activities | Campo M, Zellner L . 2017. Technology Micro Learning Workshop: A Little Bit of This & A little Bit of That. RUSM |

Cooper N, **Zellner L**. 2018. Study Smart. RUSM

Workshop presentations

Hayse B, **Zellner L**, Mayer J, Ahmad K. 2021. Developing Inclusive Learning Communities as Vehicles to Achieve Greater Student Success. AMEE Annual Conference, Virtual. #W13

Campo M, **Zellner L**, Walter R, Scott R, Connolly J, Brett Z. 2017. Technology Micro Learning Workshop: A Little Bit of This & A little Bit of That. RUSM

Poster presentations

Zellner LC, Brundage KM, Hunter DD, Dey RD. 2010. Altered airway sensory neuron development in rats following acute early postnatal ozone exposure. Van Liere Research Convocation: Morgantown, WV.

Zellner L, Brundage K, Dey R. 2010. Quantitative analysis of rat nodose, jugular and petrosal ganglia neurons using flow cytometry. Van Liere Research Convocation: Morgantown, WV.

Zellner L, Hunter D, Brundage K, Dey R. 2009. Tracheal epithelium innervation and sensory neuron number in the nodose and jugular ganglia of rats. *FASEB Annual Scientific Meeting: New Orleans, LA*

Puce A, McNeely M, Carrick O, Berrebi M, Epling J, Thompson JC, Hardee JE, **Zellner L**, Brefczynski-Lewis J. 2008. N170 amplitude reflects the seen number of faces irrespective of low-level stimulus variables. *OHBM Annual Scientific Meeting. #714*

Zellner L, Batchelor T, Hunter D, Dey R. 2008. Sensory innervation of the tracheal epithelium: a role for NGF". Van Liere Research Convocation: Morgantown, WV.

Zellner L, Hunter D, Batchelor T, Dey R. 2007. Postnatal development of airway sensory neurons. American Thoracic Society International Meeting: San Francisco, CA.

Zellner L, Hunter D, Batchelor T, Dey R. 2007. Airway sensory neuron development in postnatal fisher 344 rats. Oral presentation and poster Minority Trainee Research Forum: Miami, FL.

Zellner L, Batchelor T, Dey R. 2007. Postnatal development of airway sensory neurons. *Van Liere Research Convocation: Morgantown, WV.*

HONORS AND AWARDS (selected)

| Award Date | Title of Award |
|-------------------|---|
| 6/2018 | RUSM Ron Taylor Award |
| 2007 - 2011 | F31 Pre-doctoral Ruth L Kirschstein National Research Service Award |