

Kevin R. Measor

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EDUCATION

Ph.D. in Neuroscience University of California, Riverside, CA	December 2014
M.A. in Biology Lehman College, Bronx, NY	May 2010
M.S.Ed. in College Student Personnel Services University of Dayton, Dayton, OH	May 2003
B.S. in Biology and History Roger Williams University, Bristol, RI	August 2000

TEACHING/FACILITATING EXPERIENCE

Lecturer, Department of Biology

Gonzaga University

▪ Senior Colloquium	Spring 2018
▪ Neuroethology	Spring 2018
▪ Phantoms in the Brain	Spring 2017
▪ Neurobiology of Pain	Spring 2017
▪ Introduction to Microbiology	Spring 2016, 2017, Fall 2016
▪ Introduction to Microbiology Lab	Fall 2014, 2016, Spring 2015, 2016, 2017
▪ Drugs, Addiction, and the Brain	Spring 2016
▪ Advanced Physiology: Neurophysiology	Fall 2015, Spring 2016, 2018
▪ Information Flow in Biological Systems (Intro Bio for Majors)	Fall 2014, 2015, Summer 2015
▪ Neurobiology of Mental Illness	Spring 2015
▪ Biological Systems	Spring 2015
▪ Information Flow in Biological Systems Lab	Spring 2015, 2018, Fall 2015
▪ Behavioral Endocrinology	Fall 2014

Affiliate Instructor, Department of Biological Structure

University of Washington School of Medicine

▪ Mind, Brain, and Behavior Block (2 nd year students) – Block Lead for Spokane Site	Fall 2016, 2017, 2018
▪ Molecular and Cellular Basis of Disease Block (1 st year students)	Fall 2016, 2017, 2018

Teaching Assistant, Departments of Biology, Cell Biology and Neuroscience

University of California, Riverside

- Served as Teaching Assistant for
 - Introduction to Molecular and Cellular Biology Fall 2010
 - Introduction to Molecular and Cellular Biology Lab Fall 2011, Winter 2011
 - Introduction to Organismal Biology Spring 2011
 - Hormones and Behavior Spring 2012
 - Introduction to Neuroscience Summer 2012
 - Brain and Behavior Fall 2012, 2013, Winter 2014, Summer 2013
 - Cellular Neuroscience: Membrane and Synaptic and Phenomena Winter 2012, 2014, Summer 2013
 - Neural Mechanisms of Animal Behavior Spring 2013, 2014
- BIOL 303: Philosophy and Pedagogy of Teaching Undergraduate Life Sciences Fall 2012
 - Completed a professional level course for graduate students interested in novel teaching techniques
 - Worked on assignments that dealt with curriculum design and flipped classroom environments
- University Teaching Certificate Program Spring 2012

- Participated in 10 week, competitive program to train students motivated in pursuing a teaching career
- Awarded Outstanding Teaching Assistant for Cell Biology and Neuroscience 2014 and honorable mention 2012

Adjunct Lecturer, Department of Natural Sciences

Baruch College, City University of New York

- Concepts of Ecology Lab

Spring 2009

Adjunct Lecturer, Department of Biology

Lehman College, City University of New York

- Human Biology and Lab
- Plants and People and Lab

Fall 2008

Spring 2009

STUDENT DEVELOPMENT EXPERIENCE

Assistant Director of Residential Life for Leadership Development and Training January 2007-September 2007

Office of Residential Life, Fordham University

- Trained and supervised a division of 101 staff members
- Participated in the University's strategic planning initiative, creating goals for assessment, strategies and outcomes
- Advised the campus wide Residence Halls Association comprised of 60 student leaders

Residence Hall Director

August 2004 to January 2007

Office of Residential Life, University of New Hampshire

- Initiated regular developmental meetings with students on topics such as academics, community and diversity
- Collaborated with University Honors program to provide academic enrichment and professional development for students

Social Justice Educator Training

April 2005

University of New Hampshire

- Participated in a two day training for educators exploring social justice issues in education
- Served as an assistant for the program in the subsequent year of the program

Area Coordinator

July 2003 to July 2004

Office of Residential Programs, University of Dayton

- Served as University's on-call administrator for crisis response for a campus of over 6,000 students
- Advised Resident Student Association responsible for peer-based leadership and programming

RESEARCH

Gonzaga University - Molecular mechanisms of behavioral phenotypes associated with Fragile X syndrome, using an animal model, *Drosophila melanogaster*.

University of California, Riverside - Dr. Khaleel Razak's Lab (dissertation). - Intensity selectivity in the pallid at, *Antrozous pallidus*, auditory cortex. FM sweep rate processing in the mouse auditory cortex. Dr. Anupama Dahanukar's Lab(rotation). - *Drosophila* gustatory receptors and taste neurons. Dr. Wendy Saltzman's Lab(rotation). - Role of Serotonin in paternal behavior of California mice, *Peromyscus californicus*.

Lehman College - Dr. Maryam Bamshad's Lab - Behavioral Endocrinology of social behavior in prairie voles, *Microtus ochrogaster*. Examined the effects of Kava, *Piper methysticum*, on anxiety and socialization in voles.

University of New Hampshire - Dr. Win Watson's Lab - Ultrasonic tracking of seasonal migration of horseshoe crabs, *Limulus polyphemus*.

Roger Williams University - Dr. Cliff Timpson's Lab - Inorganic Metallic Synthesis of Ruthenium based complexes.

PUBLICATIONS

- Measor, K.**, Yarrow, S., Razak, K.A. (2018). Topography of sound level representation in the FM sweep selective region of the pallid bat auditory cortex. *Hearing Research*. (in press)
- Measor, K.**, Leavell, B., Brewton, D., Barber, J., and Razak, K. (2017) Matched behavioral and neural adaptations for low sound level echolocation in a gleaning bat, *Antrozous pallidus*. *eNeuro*, 4(1), ENEURO-0018.
- Martin del Campo, H.N., **Measor, K.R.**, Razak, K.A. (2014) Parvalbumin and Calbindin expression in parallel thalamocortical pathways in a gleaning bat, *Antrozous pallidus*. *J Comp. Neurol.* 522:2431-2445. **(co-first author)**
- Martin del Campo, H.N., **Measor, K.R.**, Razak, K.A. (2012) Parvalbumin immunoreactivity in the auditory cortex of a mouse model of presbycusis. *Hearing Research*. 294: 31-39.
- Trujillo, M., **Measor, K.**, Carrasco, M.M., Razak, K. (2011) Selectivity for the rate of frequency modulated sweeps in the mouse auditory cortex. *J Neurophysiol.* 106: 2825-37.
- de Jong, T.R., **Measor, K.R.**, Chauke, M., Harris, B.N., Saltzman, W. (2010). Brief pup exposure induces Fos expression in the lateral habenula and serotonergic caudal dorsal raphe nucleus of paternally experienced male California mice (*Peromyscus californicus*). *Neuroscience*. 169:33-48.

SELECTED POSTERS AND PRESENTATIONS

- December 2015 – Biology Seminar – Gonzaga University – “Neuroethological models: Using animal specialists to uncover the mechanisms of behavior.”
- October 2014 – Biology Seminar – Gonzaga University – “Whispering echoes: neural adaptations for bat echolocation.”
- September 2014 – Dissertation Defense – “Intensity selectivity in the auditory cortex of the pallid bat, *Antrozous pallidus*.”
- February 2014 - **Measor, K.**, and Razak, K. Intensity tuning in the pallid bat auditory cortex: Topography and mechanisms. Poster presented at the Association for Research in Otolaryngology in San Diego, CA.
- Spring 2014 - Guest lecture - Neural Mechanisms of Animal Behavior – Neural basis of honey bee social structure
- Winter 2012, 2014 - Guest Lecture - Cellular Neuroscience: Membrane and Synaptic Phenomena – Mechanotransduction
- Fall 2011, 2012, 2013 - Guest lecture - Brain and Behavior – Reproductive endocrinology
- April 2011 - UCR - NRSC289 Seminar. Presentation on current research: Rate selectivity mapping of the mouse auditory cortex.
- Spring 2009 - **Measor, K.**, Herrera, K., Balick, M.J., Bamshad, M. Effect of Kava on Social and Affect Behavior in Prairie Voles, *Microtus ochrogaster*. Poster presented at the annual Vole Meeting in Decatur, GA.
- May 2006 - UNH - Brown Bag Lunch Series on Social Class Issues
- May 2005 - UNH - “Responding to Campus Culture: Dialogue on Gender and Sexual Violence”
- February 2005 - UNH - “Astronomy in the Classroom; Gender Issues in Classroom Learning.”
- January 2003 - OCPA/OSPA – Presentation on “Merging Supervision and Mentorship: Charting New Directions for Graduate Students”

AWARDS, HONORS, GRANTS AND FELLOWSHIPS

- 2016-2017, 2017-2018 – Father Tony Lehmann Organization Advisor of the Year (Health Sciences Club) – Gonzaga University
- December 2012 – Innovative Use of Information Technology in Teaching Grant – UCR – \$8,460 (awarded to P.I. Dr. Khaleel Razak)

- May 2012 – Finalist – America’s Top TA –CengageBrain.com
- April 2009 – Dean’s Distinguished Fellowship – UCR
- May 2009 – Abraham Raskin Award – Outstanding graduate student in inter-disciplinary field of science – Lehman College
- May 2009 – Induction into Sigma-Xi Honor Society – Scientific Research Society – Lehman College
- May 1999 – Induction into Phi Alpha Theta – National History Honor Society - RWU
- May 1996 – Accepted into University Honors Program -RWU

SELECTED UNIVERSITY SERVICE

- Curriculum Biology Living Learning Community Committee – Gonzaga University
- Chair-Committee for Health Sciences Careers – Gonzaga University
- Chair-Resident Assistant Selection Committee - Fordham University
- President’s Commission on the Status of LGBT Persons - University of New Hampshire
- Student Affairs Division Diversity Team - University of New Hampshire
- Resident Assistant Morale and Development Committee - University of New Hampshire
- Men’s Issues Committee - University of New Hampshire
- University LGBTQ Steering Committee - University of Dayton
- Electronic Resource Advisory Committee - University of Dayton

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

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| • National Association of Advisors for the Health Professions, Inc. | Current |
| • Society for Neuroscience | Current |
| • International Society for the History of Neuroscience | Current |
| • Faculty for Undergraduate Neuroscience | Current |
| • The Association for Research in Otolaryngology | In-active |
| • National Association of Biology Teachers | In-active |
| • Sigma-Xi – Scientific Research Society | In-active |
| • Phi Alpha Theta – History Honors Society | In-active |
| • National Association of Science Writers | In-active |