

Kevin R. Measor

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Place of Birth: Weymouth, MA US Citizenship

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 EXPERIENCE

Lecturer, Department of Biology

Gonzaga University

Fall 2014-current

- Energy Flow in Biological Systems (Intro Bio for Majors)
- Senior Colloquium
- Neuroethology
- Phantoms in the Brain
- Neurobiology of Pain
- Introduction to Microbiology
- Introduction to Microbiology Lab
- Drugs, Addiction, and the Brain
- Advanced Physiology: Neurophysiology
- Neurobiology of Vision
- Information Flow in Biological Systems (Intro Bio for Majors)
- Neurobiology of Mental Illness
- Biological Systems
- Information Flow in Biological Systems Lab
- Behavioral Endocrinology
- Neurophysiology Lab
- Cartography of the Brain
- Systems Neurophysiology

Affiliate Assistant Professor, Department of Biological Structure

University of Washington School of Medicine

Summer 2021-current

- Mind, Brain, and Behavior Block (2nd year students) – Block Lead for Spokane Site
- Molecular and Cellular Basis of Disease Block (1st year students)
- Research Methods (1st year students -EpiBiostats)
- Foundations of Medical Science and Research (1st year students - combined MCBBD and Research Methods from Summer 2022 till present)
- Sessions/Topics responsible for:
MCBD/RM/FMSR - Membrane Transport, GPCRs, RTKs, Membrane Potentials, Action Potentials, Basic Anatomy of Nervous System, Action Potential Propagation, Synapses, Neurotransmitters and Receptors, Sensory Receptors, Autonomic Nervous System Physiology, Nociception and Spinal Reflexes, Randomized Control Study Design and Interpretation, Inferential Statistics, Survival Analysis, Studies of Disease Etiology, Cross-sectional and Cohort Studies, Case Control Studies, Confounding and Control, Screening Studies and Diagnostic Studies, Evidence Synthesis

Mind, Brain, and Behavior – Introduction to Anatomy of the Nervous System, External Brain Morphology Lab, Histology of the Nervous System, Cranial Base/Blood Vessels Lab, Increased Cerebral Pressure and Ventricles, Internal Brain Morphology Lab, Motor System, Somatosensory System, Cranial Nerve Lab, Introduction to Brainstem, Brainstem Lab, Development, Autonomic Nervous System, Active Learning: SomatoMotor, Cerebellum, Auditory System, Vestibular System, Eye Movement Control, Visual Pathway, Active Learning: Visual Pathway, Anatomy of Language, Basal Ganglia, Active Learning: Basal Ganglia and Cerebellum, Hippocampus/Limbic System, Active Learning: Spinal Cord, Anatomy of Sleep,

Affiliate Instructor, Department of Biological Structure

University of Washington School of Medicine

Fall 2016-Summer 2021

- Mind, Brain, and Behavior Block (2nd year students) – Block Lead for Spokane Site
- Molecular and Cellular Basis of Disease Block (1st year students)
- Research Methods (1st year students -EpiBiostats)

Teaching Assistant, Departments of Biology, Cell Biology and Neuroscience

University of California, Riverside

Fall 2010-Spring 2014

- Introduction to Molecular and Cellular Biology and Lab
- Introduction to Organismal Biology
- Hormones and Behavior
- Introduction to Neuroscience
- Brain and Behavior
- Cellular Neuroscience: Membrane and Synaptic and Phenomena
- Neural Mechanisms of Animal Behavior

Adjunct Lecturer, Department of Natural Sciences

Baruch College, City University of New York

Spring 2009

- Concepts of Ecology Lab

Adjunct Lecturer, Department of Biology

Lehman College, City University of New York

Fall 2008-Spring 2009

- Human Biology and Lab
- Plants and People and Lab

STUDENT DEVELOPMENT EXPERIENCE

Faulty Lead, Health Professions Pathways Program

Career and Professional Development, Gonzaga University

Summer 2020-current

- Co-lead (with Staff-lead) the university's pre-health advising program servicing approximately 1000 self-identified pre-health undergraduate students and alumni
- Held 150-200+ (per year), 1-on-1 meetings with students to discuss career goals, academic and extracurricular pre-requisites, clinical experiences, and graduate program application
- Assisted in the design and implementation of university pre-health resources including a comprehensive website, instructional videos, curriculum guides, and a 1-credit course.
- Facilitated workshops for students and faculty on various pre-health topics
- Presented at admissions and orientation events on pre-health advising University's strategic planning initiative, creating goals for assessment, strategies and outcomes
- Acted as a club advisor for the campus-wide Health Science Club and Gonzaga Women in Medicine
- Served as Faculty-chair of the Committee on Health Science Careers, facilitating the university's committee letter process including editing, applying ratings, and submitting letters for approximately 40 medical and dental school applicants.

Assistant Director of Residential Life for Leadership Development and Training

Office of Residential Life, Fordham University

January 2007-September 2007

- Trained and supervised a division of 101 staff members including five full-time Resident Directors, 11 part-time Resident Directors, a full-time administrative assistant, and 83 Resident Assistants
- Managed a programming and supply budget in excess of \$200,000 and approved all office supply requests
- Conducted a national search for six full-time and three part time 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
- Coordinated staff and event management procedures for University's Spring Weekend celebration

Residence Hall Director

Office of Residential Life, University of New Hampshire

August 2004 to January 2007

- Developed community in two residence halls, one of 250 traditional-aged honors students, and the other of 180 graduate and non-traditional aged students
- Trained and supervised a staff of four graduate and six undergraduate staff
- Initiated regular developmental meetings with students on topics such as academics, community and diversity
- Created hall educational curriculum that incorporated active and passive programs, bulletin boards, and newsletters
- Adjudicated University discipline policy violations
- Collaborated with University Honors program to provide academic enrichment and professional development for students

Area Coordinator/Residence Coordinator

Office of Residential Programs, University of Dayton

August 2001 to July 2004

- Responsible for all administrative and programmatic tasks for a residential complex of 650 second year students
- Supervised and trained two graduate Resident Coordinators and 11 undergraduate Resident Assistants
- Co-supervised two full time administrative assistants and an undergraduate desk staff of eight
- Adjudicated University Standards of Behavior violations; imposed all level of University sanctions
- 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

Residence Hall Director

Office of Residence Life, State University of New York at Oneonta

January 2001 to June 2001

- Managed a residential facility of 210 residents, including all facilities operations and residential education aspects.
- Supervised, trained and evaluated a staff of eight Resident Assistants one Academic Team Member

Resident Director/ Residence Services Coordinator/Head Women's Volleyball Coach

Office of Residence Life, Newbury College

July 2000 to January 2001

- Supervised a residential facility of 140 students, and was responsible for the training and program development for the entire Residential Life office
- Organized and executed effective team practices and developed a program that facilitated athletes leadership skills

Other Related Experience

- *Summer 2005, 2006* – Conference Coordinator – *University of New Hampshire*
- *Fall 2002* - Internship - Alcohol and Other Drug Education Office - *University of Dayton*
- *Fall 2002* - Internship - Kennedy Union and Conference Services - *University of Dayton*
- *Summer 2002* - Internship - Office of Residential Education - *University of Dayton*
- *Summer 2002* - Conference Manager - *University of Dayton*

PROFESSIONAL DEVELOPMENT AND SPECIALIZED TRAININGS

Restorative Justice Practices Training

Infinite Impact/ Office of Healthcare Equity, University of Washington School of Medicine

Spring 2022

- Engaged in a half-day interactive training around restorative justice practices, exploring harms, historical traumas, injustices, and the history and philosophy of redressing these.
- Participated in circles in which we practiced implementation of restorative justice in healthcare education.

Inclusive Excellence Leadership Academy

Office of Diversity, Equity, and Inclusion, Gonzaga University

Fall 2021-Spring 2022

- Participating in a year-long, cohort-based, group discussing issues of diversity, equity, and inclusion that will culminate in a shared project proposal of social transformation
- Attending monthly interactive half-day workshops and debriefs exploring social identity formation and cultural narratives, antiracist behavior, intergroup dialogue, theatre as a tool for social justice, disability inclusion, and trauma-informed educational practices

Implicit Bias Training – Kirwan Institute for the Study of Race and Ethnicity

Resolution Center for Student Conduct and Conflict, Gonzaga University

Summer 2021

- Completed a 4-module training on implicit bias for participation as a Conduct Office and Magis Mentor
- Watched videos exploring implicit bias and engaging in activities and exercises designed to discuss implicit bias in an educational setting

Foundations of Facilitating Identity in Medicine I and II

Spectrum Center Spokane (Facilitator), University of Washington School of Medicine

Spring 2021

- Participated in a two-day interactive training exploring identity and bias in medical training and education
- Explored case-studies and reflections on intersectionality, structural racism, and microaggressions in academic medicine

DiversityEdu for Faculty and Staff: Personal Skills for a Diverse Campus

Office of Diversity, Equity, & Inclusion, Gonzaga University

Spring 2021

- Completed a 2-hour online training designed to deepen engagement with diversity on a college campus
- Engaged in reflection about unconscious bias, diversity resistance, ladder of inference, identity terms, and microaggressions.

University Conduct Office Training

Resolution Center for Student Conduct and Conflict, Gonzaga University

Spring 2021

- Completed a 4-hour online training and participated in a 2-hour mock-hearing to become a University Conduct Officer
- Developed understanding around navigating the student conduct process, the University code of conduct, philosophy of restorative justice, and policies regarding confidentiality of student records

Sexuality and Gender Equity (SAGE) Level 1 and 2 Training

Lincoln LGBTQ+ Resource Center, Gonzaga University

Spring 2021

- Participated in 2 live trainings to learn how to support LGBTQ students at the university
- Developed skills focused on inclusive language and terminology, informed empathy, proactive inclusion, bystander intervention, and allyship.

Facilitating Career Development

Career and Professional Development, Gonzaga University

Summer 2019

- Participated in a 120-hour training to become a Career Service Provider
- Developed skills and knowledge in developing client relationships, assessment, ethics, and working with multicultural population within a career services environment

Faculty Career Kindler Training

Career and Professional Development, Gonzaga University

Spring 2019

- Participated in a half-day training for faculty exploring career development theory, assessments and outcome data
- Became familiar with campus resources for career development, advising, and experiential education

Mental Health First Aid Training

Health and Counseling Services, Gonzaga University

Spring 2018

- Participated in a full day training with other educators on campus
- Learned how to help individuals in a mental health crisis

BIOL 303: Philosophy and Pedagogy of Teaching Undergraduate Life Sciences

Biology Department, University of California, Riverside

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

Graduate School, University of California, Riverside

Spring 2012

- Participated in 10-week, competitive program to train students motivated in pursuing a teaching career

Social Justice Educator Training

University of New Hampshire

Spring 2005, 2006

- 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

Facilitator – Ropes Course and Ropes Course Facilitator Training

Roger Williams University

Fall 1998, 1999

- Trained ropes course facilitators on elements and guidance of groups
- Facilitated day long low ropes challenge course for incoming first-year students
- Instructed groups on team dynamics and leadership principles

ADVISING/MENTORING EXPERIENCE

- Pre-Health Advisor (Faculty Lead – Health Professions Pathways Program) – *Gonzaga University*
- Gonzaga Women in Medicine – *Gonzaga University*
- BRIDGE Mentor- Underrepresented/First Generation Students – *Gonzaga University*
- Faculty Academic Advisor – *Gonzaga University*

- Health Sciences Club – *Gonzaga University*
- Psychiatry Interest Group – *University of Washington School of Medicine*
- Neuroscience Interest Group – *University of Washington School of Medicine*
- Research Mentor – *Gonzaga University*
- Campus-wide Residence Halls Association - *Fordham University*
- Residence Hall Association - *University of New Hampshire*
- Resident Student Association - *University of Dayton*
- Campus-wide Residence Hall Association – *SUNY Oneonta*
- Resident Student Association – *Newbury College*

SELECTED UNIVERSITY SERVICE

- Public Health Faculty Search Committee – *Gonzaga University*
- B.S. in Neuroscience Program Proposal Working group/author – *Gonzaga University*
- Integrative Jesuit Education Grand Challenge Working Group – *Gonzaga University*
- Access to Education Grand Challenge Working Group – *Gonzaga University*
- School of Health Sciences Grand Challenge Working Group – *Gonzaga University*
- Public Health Program Proposal Working Group – *Gonzaga University*
- Non-Tenure Track Reappointment Committee, Biology Department – *Gonzaga University*
- Co-Author for Accepted Health Equity Minor Proposal – *Gonzaga University*
- University BIAS Team – *Gonzaga University*
- Gross Anatomy Instructor Search Committee – *University of Washington School of Medicine*
- Inclusion, Diversity, and Equity in the Arts and Sciences – *Gonzaga University*
- Sexual Health Summit – *Gonzaga University*
- Lincoln LGBTQ+ Director Search Committee – *Gonzaga University*
- Alcohol Working Group – *Gonzaga University*
- *Magis* Mentor – *Gonzaga University*
- Regional Foundations Dean Search Committee – *University of Washington School of Medicine*
- University Conduct Officer – *Gonzaga University*
- Whole Health Committee – Opportunity Northeast Initiative – *Gonzaga University*
- Student Progress Committee – *University of Washington School of Medicine*
- Committee on Academic Standing – *Gonzaga University*
- Faculty Career Kindler Training – *Gonzaga University*
- Chair-Committee for Health Sciences Careers – *Gonzaga University*
- Health Sciences Living Learning Community Committee – *Gonzaga University*
- Graduate and Professional School Advisory Team – *Gonzaga University*
- Orientation Zags Helps Zags Small Group Facilitator – *Gonzaga University*
- Gonzaga Experience Live (GEL) Weekend Featured Faculty Lecturer – *Gonzaga University*
- Faculty Technology Committee – *University of Washington School of Medicine*
- Biology Living Learning Community Committee – *Gonzaga University*
- Chair-Resident Assistant Selection Committee - *Fordham University*
- President's Commission on the Status of LGBT Persons - *University of New Hampshire*
- Planning Committee for annual LGBT Pancake Breakfast – *University of New Hampshire*
- Student Affairs Division Diversity Team - *University of New Hampshire*
- Resident Assistant Morale and Development Committee - *University of New Hampshire*
- Residence Hall Director Search 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*
- Area Coordinator Search Committee – *University of Dayton*
- Welcome Dragon Week Committee – *SUNY Oneonta*

SELECTED COMMUNITY SERVICE

- Director – Spokane Center for Public Neuroscience Education (SCPNE)
- Former School Board Member – Joya Child and Family Development

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

Mesor, 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*. 367, 137-148.

Mesor, K., Leavell, B., Brewton, D., Rumschlag, J., 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).

Martin del Campo, H.N., **Mesor, 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., **Mesor, 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., **Mesor, 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., **Mesor, 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

- August 2021/2022 – New Student and Family Programs – GU Mission and Transition Panel for Incoming First Year Students – Gonzaga University
- June 2022 – Human Resources Munch and Learn – Gonzaga University – “Managing Rewards and Threats at Work”
- January 2022 – The Center for Teaching and Advising Monthly Event – Gonzaga University - “Health Professions Pathways Program – Information about resources and support available to you as advisors and mentors and to your students who are interested in pursuing a career in the health professions.”
- March 2022 – Social Justice Peer Educators Affinity Group Student Program – Gonzaga University Queer Affinity Group Facilitator
- September 2021 – New Student and Family Programs – Gonzaga University - Identity and Inclusion Small Group Orientation Facilitator
- May 2021 – Lavender Graduation Keynote Address – Gonzaga University
- May 2021 – Office Health Promotion – Gonzaga University – “Sexual Assault Awareness Month: Including Men in the Narrative” Panel
- March 2021 – Office Health Promotion – Gonzaga University – “Sex Out Loud” Panel
- June 2020 – National Association of Colleges and Employers 2020 National Conference - Proposed and Accepted for half-day pre-conference workshop entitled “Synapses: The What and Why of Successful Career & Academic Partnerships” (Cancelled due to COVID pandemic)
- March 2020 – Selkirk Science Alliance – “Painting a Picture of Memory” for the Spokane Center for Public Neuroscience Education (SCPNE)
- March 2020 – Office Health Promotion – Gonzaga University – “Sex Out Loud” – Biology of the reproductive system.
- September 2019 – “Zags Helps Zags” Bystander Small Group Orientation Facilitator – Gonzaga University
- August 2019, 2018 – Camp Neuro – Lectures on neurophysiology, neurodegenerative diseases, learning and Memory, animal sensory systems, and magic and illusions
- April 2018 – Northwest Association for Biomedical Research, Community Conversation. “Brain-computer interfaces: Ethical challenges and opportunities”
- 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 honeybee 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

- 2021-2022 University-wide Faculty Award for Academic Citizenship – Gonzaga University
- 2022 – Career Compass Award – Career and Professional Development – Gonzaga University
- 2016-2017, 2017-2018 – Father Tony Lehmann Organization Advisor of the Year (Health Sciences Club) – Gonzaga University
- Awarded Outstanding Teaching Assistant for Cell Biology and Neuroscience 2014 and honorable mention 2012 - UCR
- 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

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

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