

UIC Portal to Biomedical Research Careers Faculty Mentors

| Name | Rank | Appointments | Research Interests | Website |
|-----------------------|---------------------|---|--|---|
| Aldrich, Leslie | Assistant Professor | Chemistry | Small molecule development for therapeutic applications. | http://www.thealdrichlab.com/#about |
| Alfonso, Aixa | Associate Professor | Biological Sciences | Regulation of neuronal polarity and cell fate in <i>C. elegans</i> | https://bios.uic.edu/profiles/alfonso-aixa/ |
| Alford, Simon | Professor | Anatomy & Cell Biology | Synaptic plasticity in the nervous system | https://anatomy.uic.edu/faculty/index.html?fac=simontalford&cat=all |
| Behnsen, Judith | Assistant Professor | Microbiology & Immunology | The interplay of gut microbes and the host immune system during Salmonella infection | https://jbehnsen.wixsite.com/behnsenlab |
| Bongarzone, Ernesto | Professor | Anatomy & Cell Biology | Lysosome-autophagy function in neurodegenerative diseases | https://anatomy.uic.edu/faculty/index.html?fac=ernestorbongarzone&cat=all |
| Burdette, Joanna | Professor | Biopharmaceutical Sciences | Ovarian cancer and women's health | https://www.burdettelab.com/ |
| Chuang, Chiou-Fen | Associate Professor | Biological Sciences | Sensory Diversity and Connectivity | https://sites.google.com/site/chioufenchuanglab/ |
| Colonga, Stephanie | Assistant Professor | Chemistry | Using mass spectrometry to understand human diseases like the neurodegenerative disease Niemann-Pick type C1 | http://cologna.lab.uic.edu/ |
| Cuervo-Grajal, Hendar | Assistant Professor | Physiology & Biophysics | Endothelial cell-pericyte communication in health and disease | https://physiology.uic.edu/faculty/faculty.html?fac=henarcuervograjal |
| DiPietro, Luisa | Professor | Periodontics | Regenerative science and wound healing | https://dentistry.uic.edu/luisa-dipietro |
| Eddington, David | Professor | Biomedical Engineering | Microfluidics and diagnostics | https://sites.google.com/uic.edu/eddington-lab |
| Federle, Michael | Professor | Biopharmaceutical Sciences | Bacterial quorum sensing and antibiotic resistance | https://sites.google.com/view/uicfederlelab |
| Freitag, Nancy | Professor | Microbiology & Immunology | Bacterial pathogenesis | https://chicago.medicine.uic.edu/directory/name/nancy-freitag/ |
| Gemeinhart, Richard | Professor | Biopharmaceutical Sciences and Biomedical Engineering | Controlled drug delivery; biomedical polymers | http://bps.lab.uic.edu/ |
| Kim, Jiyeon | Assistant Professor | Biochemistry & Molecular Genetics | Alterations of metabolism in cancer; lung cancer | https://bcmg.com.uic.edu/faculty/kim_jiyeon.html |
| Lavie, Arnon | Professor | Biochemistry & Molecular Genetics | Structure based design of therapeutics; prodrug | https://bcmg.com.uic.edu/faculty/lavie_arnon.html |

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| | | | development and enzyme modification | |
| Lazarov, Orly | Professor | Anatomy & Cell Biology | Molecular mechanisms of brain plasticity, aging and neurodegenerative disease | https://lazarov.lab.uic.edu/ |
| Mankin Alexander and Vazquez-Laslop, Nora | Professor and Research Professor | Biopharmaceutical Science | Protein synthesis; antibiotic action and resistance | http://mankin-vazquez.lab.uic.edu/html/index.cgi |
| Mehta, Dolly | Professor | Pharmacology & Regenerative Medicine | Cell signaling in cancer and inflammation | http://mcph.uic.edu/mehta/ |
| Merrill, Brad | Professor | Biochemistry & Molecular Genetics | Stem cells; cell fate decisions | https://bcmg.com.uic.edu/faculty/merrill_brad.html |
| Minshall, Richard | Professor | Anesthesiology, Pharmacology and Regenerative Medicine, Biomedical Engineering | Endothelial permeability; mechanisms of pulmonary hypertension, acute lung injury and ARDS | https://chicago.medicine.uic.edu/departments/academic-departments/anesthesiology/research/research-division-organization/pulmonary-vascular-biology-and-critical-care-research-laboratories/minshall-laboratory/ |
| Moore, Terry | Associate Professor | Biopharmaceutical Sciences | Development of small molecules and peptides to inhibit protein-protein interactions in disease | https://moorelab.publish.uic.edu/ |
| Murphy, Brian | Associate Professor | Biopharmaceutical Sciences | Microbial drug lead discovery; aquatic microbiology | https://www.murphyuic.com/projects |
| Nonn, Larisa | Professor | Pathology | Vitamin D and prostate cancer; health disparities | https://nonnlab.pathology.uic.edu/ |
| Palmer, Lauren | Assistant Professor | Microbiology & Immunology | Bacterial infection, mechanisms of nutrient sequestration | https://sites.google.com/uic.edu/palmer-lab/ |
| Prabhakar, Bellur | Professor | Microbiology & Immunology | Autoimmune diseases | https://chicago.medicine.uic.edu/directory/name/bellur-prabhakar/ |
| Pradhan, Amynah | Associate Professor | Psychiatry | Opioid receptor regulation of chronic pain | https://www.psych.uic.edu/research/lab-directory/amynah-pradhan-lab |
| Ragozzino, Michael | Professor | Psychology | Neurobiology of learning and memory | https://psch.uic.edu/profiles/ragozzino-michael/ |
| Richmond, Janet | Professor | Biological Sciences | Mechanisms of synaptic transmission | https://bios.uic.edu/profiles/richmond-janet/ |
| Riley, Andrew | Assistant Professor | Biopharmaceutical Sciences | Natural product drug development for chronic pain, addiction and CNS disorders | https://riley.lab.uic.edu/ |
| Roitman, Mitchell | Professor | Psychology | Neural basis of motivation | https://mroitman.wixsite.com/mroitman |

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| Ross, Susan | Professor | Microbiology & Immunology | Viral infection and host immune response | https://rosslab.wixsite.com/susanrosslab |
| Royston, Thomas | Professor | Biomedical Engineering | Structural acoustics and vibration for medical diagnostics | https://bioe.uic.edu/profiles/thomas-royston-phd/ |
| Shukla, Deepak | Professor | Ophthalmology and Microbiology & Immunology | Ocular virology and anti-viral agents; herpes simplex virus | https://ovl.lab.uic.edu/ |
| Simonovic, Mijan | Associate Professor | Biochemistry & Molecular Genetics | Mechanisms of gene translation and genome editing in health and disease | https://msimon5.people.uic.edu/Simonovic_Lab.html |
| Stocco, Carlos | Professor | Physiology & Biophysics | Hormonal signaling and genomic control of ovarian function | https://physiology.uic.edu/faculty/faculty.html?fac=carlosstocco |
| Vander Griend, Ronald | Associate Professor | Pathology | Transcription factors essential for prostate development and prostate cancer | https://pathology.uic.edu/directory/donald-j-vander-griend-phd/ |