

**Table 2. Participating Faculty Members**

| Name                 | Degree(s) | Rank         | Primary Dept or Program             | Research Interest  | Training Role                     | Mentoring Record |           |  |                |                    |  |
|----------------------|-----------|--------------|-------------------------------------|--|-----------------------------------|------------------|-----------|--|----------------|--------------------|--|
|                      |           |              |                                     |  |                                   | Predoctorates    |           |  | Postdoctorates |                    |  |
|                      |           |              |                                     |  |                                   | In Training      | Graduated | Continued in Research or Related Careers | In Training    | Completed Training | Continued in Research or Related Careers |
| Abel, Edwin Ted G.   | PHD       | Prof.        | Neuroscience And Pharmacology       | Learning, memory and sleep in mouse models               | Preceptor                         | 3                | 10        | 9  | 3              | 11                 | 11                                       |
| Anderson, Michael G. | PHD       | Prof.        | Molecular Physiology And Biophysics | Ophthalmic genetics, primarily studied with mouse models | Exec. Comm. Other Comm. Preceptor | 1                | 3         | 3  | 1              | 5                  | 5  |
| Baker, Sheila A.     | PHD       | Assoc. Prof. | Biochemistry                        | Inherited Retinal Disease                                | Other Comm. Preceptor             | 2                | 1         | 1  | 1              | 1                  | 1  |
| Bassuk, Alexander G. | MD, PHD   | Prof.        | Pediatrics                          | Epilepsy, TBI, inflammation                              | Other Comm. Preceptor             | 1                | 5         | 5  | 2              | 0                  | 0  |

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| Boudreau, Ryan L.   | PHD       | Assoc. Prof. | Internal Medicine                   | Genetic and Molecular mechanisms of disease | Preceptor                         | 1                | 0         | 0  | 2              | 1                  | 1  |
| Braun, Terry A.     | PHD       | Prof.        | Biomedical Engineering              | Bioinformatics                              | Preceptor                         | 2                | 3         | 3  | 0              | 0                  | 0  |
| Casavant, Thomas L. | PHD       | Prof.        | Electrical And Computer Engineering | Bioinformatics                              | Preceptor                         | 1                | 3         | 3  | 0              | 1                  | 1  |
| Cameron, Josep M.   | PHD       | Prof.        | Biology                             | Genomics                                    | Exec. Comm. Other Comm. Preceptor | 2                | 8         | 4  | 0              | 2                  | 2  |

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| Cornell, Robert A.  | PHD       | Prof.        | Anatomy And Cell Biology          | Developmental genetics            | Preceptor             | 1                | 6         | 6  | 5              | 6                  | 5  |
| Darbro, Benjamin W. | MD, PHD   | Assoc. Prof. | Pediatrics                        | Genomics                          | Other Comm. Preceptor | 2                | 0         | 0  | 0              | 1                  | 1  |
| Drack, Arlene V.    | MD        | Prof.        | Ophthalmology And Visual Sciences | Retinal degeneration/gene therapy | Preceptor             | 1                | 0         | 0  | 1              | 10                 | 4  |
| Dupuy, Adam J.      | PHD       | Assoc. Prof. | Anatomy And Cell Biology          | Cancer genetics, bioinformatics   | Other Comm. Preceptor | 2                | 6         | 6  | 0              | 1                  | 1  |

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| Eberl, Daniel F.     | PHD       | Prof.        | Biology                     | Auditory and mechanosensory mechanisms, fluorescent K+ sensors | Exec. Comm. PD/PI Preceptor | 0                | 1         | 1  | 0              | 2                  | 2  |
| El-Shanti, Hatem I.  | MD        | Prof.        | Pediatrics                  | Identification of genetic factors in human disease             | Preceptor                   | 1                | 0         | 0  | 0              | 0                  | 0  |
| Ellermeier, Craig D. | PHD       | Assoc. Prof. | Microbiology And Immunology | Genetics of C. difficile stress response                       | Preceptor                   | 2                | 4         | 4  | 0              | 1                  | 1  |
| Fassler, Jan S.      | PHD       | Prof.        | Biology                     | Molecular Genetics, Gene Expression, Protein folding           | Preceptor                   | 4                | 0         | 0  | 0              | 0                  | 0  |

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| Fingert, John H. | MD, PHD   | Prof.        | Ophthalmology And Visual Sciences | Inherited eye diseases, translational research  | Preceptor             | 0                | 2         | 2  | 0              | 2                  | 2  |
| Frank, Carl A.   | PHD       | Assoc. Prof. | Anatomy And Cell Biology          | Synapse Function  | Preceptor             | 1                | 4         | 4  | 2              | 0                  | 0  |
| Geyer, Pamela K. | PHD       | Prof.        | Biochemistry                      | The role of nuclear envelope proteins in human disease, control of eukaryotic gene expression, chromatin structure and organization | Preceptor             | 0                | 6         | 5  | 1              | 0                  | 0  |
| Grueter, Chad E. | PHD       | Prof.        | Internal Medicine                 | Cardiovascular research   | Other Comm. Preceptor | 0                | 2         | 2  | 0              | 2                  | 2  |

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| He, Bin Z.              | PHD       | Asst. Prof.  | Biology                           | Evolutionary genetics, Regulatory Evolution, Stress response, Pathogenic yeast | Other Comm. Preceptor | 2                | 0         | 0  | 1              | 0                  | 0  |
| Kitamoto, Toshihiro     | PHD       | Assoc. Prof. | Anesthesia                        | Genetic and environmental modifiers of behavior                                | Other Comm. Preceptor | 1                | 5         | 5  | 0              | 3                  | 3  |
| Klingelutz, Aloysius J. | PHD       | Prof.        | Microbiology                      | Cell immortalization; Adipose Biology  | Preceptor             | 0                | 2         | 2  | 0              | 0                  | 0  |
| Kuehn, Markus H.        | PHD       | Prof.        | Ophthalmology And Visual Sciences | Neuroimmunology  | Preceptor             | 0                | 4         | 3  | 0              | 6                  | 4  |

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| Lin, Fang        | PHD, MD   | Assoc. Prof. | Anatomy And Cell Biology | Genetic, Molecular and cellular mechanisms that control heart morphogenesis using zebrafish as a model system | Preceptor             | 0                | 0         | 0  | 1              | 0                  | 0  |
| Llopart, Ana     | PHD       | Assoc. Prof. | Biology                  | Speciation Genetics   | Other Comm. Preceptor | 0                | 3         | 2  | 0              | 0                  | 0  |
| London, Barry    | MD, PHD   | Prof.        | Internal Medicine        | Genetic and Molecular Basis of Sudden Cardiac Death   | Preceptor             | 2                | 2         | 2  | 1              | 13                 | 8  |
| Malkova, Anna L. | PHD       | Prof.        | Biology                  | DNA repair, recombination   | Preceptor             | 4                | 5         | 5  | 1              | 2                  | 2  |

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| Manak, John R.       | PHD       | Assoc. Prof. | Biology                             | Genetics of congenital disorders  | Other Comm. Preceptor | 3                | 5         | 4  | 0              | 0                  | 0  |
| McCray, Paul B.      | MD        | Prof.        | Pediatrics                          | Gene therapy, Innate immunity, CF                                       | Preceptor             | 1                | 5         | 5  | 5              | 9                  | 9  |
| Michaelson, Jacob J. | PHD       | Assoc. Prof. | Psychiatry                          | Machine learning applied to genomics, autism, language, gender identity | Other Comm. Preceptor | 3                | 1         | 1  | 0              | 2                  | 2  |
| Moye-Rowley, W S.    | PHD       | Prof.        | Molecular Physiology And Biophysics | Transcriptional control of gene expression                              | Preceptor             | 0                | 0         | 0  | 5              | 3                  | 2  |



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| Mullins, Robert F.      | PHD       | Prof.        | Ophthalmology And Visual Sciences | Macular degeneration, vascular biology | Preceptor     | 1                | 3         | 3  | 1              | 0                  | 0  |
| Neiman, Maurine         | PHD       | Assoc. Prof. | Biology                           | Evolutionary biology                   | Preceptor     | 3                | 5         | 5  | 0              | 1                  | 1  |
| Nickl-Jockschat, Thomas | MD        | Assoc. Prof. | Psychiatry                        | Molecular Systems Neuroscience         | Preceptor     | 3                | 0         | 0  | 1              | 0                  | 0  |
| Phillips, Bryan T.      | PHD       | Assoc. Prof. | Biology                           | Developmental Biology                  | Preceptor     | 5                | 3         | 3  | 1              | 0                  | 0  |

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| Piper, Robert C.     | PHD       | Prof.        | Molecular Physiology And Biophysics | Cell Biology, Membrane Trafficking, Protein Degradation, Signal Transduction         | Preceptor     | 0                | 3         | 3  | 2              | 5                  | 5  |
| Potthoff, Matthew J. | PHD       | Assoc. Prof. | Neuroscience And Pharmacology       | Nutrient Control of Metabolism and Cell Signaling                                    | Preceptor     | 2                | 3         | 3  | 2              | 1                  | 0  |
| Prahlad, Veena       | PHD       | Assoc. Prof. | Biology                             | Stress, Neurodegenerative disease, Transgenerational inheritance of stress responses | Preceptor     | 3                | 2         | 2  | 2              | 2                  | 2  |
| Russo, Andrew F.     | PHD       | Prof.        | Molecular Physiology And Biophysics | Molecular mechanisms of migraine   | Preceptor     | 3                | 4         | 4  | 0              | 4                  | 4  |

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| Rutkowski, D T.        | PHD       | Assoc. Prof. | Anatomy And Cell Biology          | Endoplasmic Reticulum stress and liver injury | Other Comm. Preceptor             | 3                | 2         | 2  | 0              | 2                  | 2  |
| Scheetz, Todd E.       | PHD       | Prof.        | Ophthalmology And Visual Sciences | Genetics of inherited eye disease             | Exec. Comm. Other Comm. Preceptor | 2                | 5         | 4  | 0              | 0                  | 0  |
| Schnieders, Michael J. | DSC       | Assoc. Prof. | Biomedical Engineering            | Biomolecular Simulation                       | Preceptor                         | 5                | 1         | 1  | 0              | 1                  | 1  |
| Sheffield, Val C.      | MD, PHD   | Prof.        | Pediatrics                        | Molecular mechanisms of human diseases        | Preceptor                         | 2                | 10        | 10                                       | 1              | 6                  | 6  |

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| Slusarski, Diane C. | PHD       | Prof.        | Biology                              | Developmental Genetics  | Preceptor             | 2                | 11        | 11                                       | 0              | 4                  | 4  |
| Smith, Richard J.   | MD        | Prof.        | Otolaryngology-Head And Neck Surgery | Hearing loss<br>Complement-mediated kidney disease              | Other Comm. Preceptor | 5                | 12        | 12                                       | 2              | 14                 | 13                                       |
| Smolikove, Sarit    | PHD       | Assoc. Prof. | Biology                              | DNA damage repair and chromosome synapsis in C. elegans meiosis | Preceptor             | 4                | 4         | 4  | 0              | 0                  | 0  |
| Stephens, Samuel B. | PHD       | Asst. Prof.  | Internal Medicine                    | Islet biology   | Other Comm. Preceptor | 3                | 0         | 0  | 0              | 0                  | 0  |

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| Summers, Daniel    | PHD       | Asst. Prof.  | Biology                  | Neurodegeneration   | Other Comm. Preceptor       | 1                | 0         | 0  | 0              | 0                  | 0  |
| Tootle, Tina L.    | PHD       | Assoc. Prof. | Anatomy And Cell Biology | Using genetic tools to determine the mechanisms by which prostaglandin signaling regulates actin dynamics | Preceptor                   | 2                | 5         | 5  | 2              | 0                  | 0  |
| Van Otterloo, Eric | PHD       | Asst. Prof.  | Periodontics             | Craniofacial development  | Preceptor                   | 1                | 0         | 0  | 0              | 0                  | 0  |
| Wallrath, Lori L.  | PHD       | Prof.        | Biochemistry             | Chromatin structure, gene expression and nuclear envelope proteins in disease                             | Exec. Comm. Other Preceptor | 1                | 5         | 5  | 0              | 4                  | 4  |

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| Weiner, Joshua A.    | PHD       | Prof.       | Biology                     | Developmental Neurobiology                      | Preceptor             | 3                | 8         | 7  | 0              | 2                  | 2  |
| Weiss, David S.      | PHD       | Prof.       | Microbiology And Immunology | Bacterial genetics and physiology               | Other Comm. Preceptor | 0                | 6         | 6  | 1              | 3                  | 3  |
| Welsh, Michael J.    | MD        | Prof.       | Internal Medicine           | Cystic fibrosis (CF) pathogenesis and therapies | Preceptor             | 2                | 4         | 4  | 2              | 12                 | 12                                       |
| Williams, Aislinn J. | MD, PHD   | Asst. Prof. | Psychiatry                  | Molecular mechanisms of psychiatric risk genes  | Preceptor             | 3                | 0         | 0  | 2              | 1                  | 1  |

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| Willour, Virginia L. | PHD       | Assoc. Prof. | Psychiatry              | Psychiatric Genetics                | Exec. Comm. Preceptor | 0                | 3         | 3  | 0              | 2                  | 2  |
| Wilson, Mary E.      | MD        | Prof.        | Internal Medicine       | Immunopathogenesis of Leishmaniasis | Preceptor             | 3                | 11        | 11                                       | 2              | 8                  | 8  |
| Wu, Chun-Fang        | PHD       | Prof.        | Biology                 | Neurogenetics                       | Preceptor             | 0                | 2         | 2  | 3              | 2                  | 2  |