

Ohio Eye Research Directory
created by:
Ohio's Aging Eye Public/Private Partnership Vision Research Subcommittee

Institution	Contact Name / PI	Research Projects	Type of Research	Funding Source	Technique / Technology Used
Ashland University Biology 401 College Avenue Ashland, OH 44805	Posner, Mason D., PhD 800-882-1548, x5691 mposner@ashland.edu	Evolution and Function of Vertebrate Eye	Zebrafish - Fundamental	NIH / NEI	heat shock protein
Case Western Reserve University Neurology 11100 Euclid Ave Cleveland, OH 44106-5040	Andrade, Francisco H., PhD 216-368-6597 fa@cwrwu.edu	Extraocular Muscle Free Radicals Neuromuscular Disorders Oxidative Stress	Rat - Fundamental	Evenor Armington Fund Knights Templar Eye Research Foundation NIH / NEI Ohio Lions Eye Research Foundation Research to Prevent Blindness	DNA microassay fluorescence spectrometry fluorescent dye /probe fluorimetry microarray technology SDS polyacrylamide gel electrophoresis
Case Western Reserve University Ophthalmology 11100 Euclid Ave Cleveland, OH 44106-5068	Bardenstein, David S., MD 216-142-3601 dsb8@po.cwru.edu	Complement Regulation On The Ocular Surface Genetic Control Of Ocular Development Ocular Inflammatory Disease Ocular Tumor Immunopathology	Human - Clinical Human - Fundamental	Bausch & Lomb NIH / NEI Ohio Lions Eye Research Foundation Research to Prevent Blindness	antibody examination visual acuity
Case Western Reserve University Molecular & Microbiology 10900 Euclid Ave. Cleveland, OH 44106-5040	Brady-Kalnay, Susann M., PhD 216-368-0330 kalnay@case.edu	Molecular Biology and Microbiology Retinal Development	Chick - Fundamental	NIH / NEI	immunocytochemistry immunoprecipitation microorganism culture molecular cloning organ culture polymerase chain reaction transfection /expression vector western blotting
Case Western Reserve University Department of Neurology Hanna House Cleveland, OH 44106	Dell'osso, Louis F., PhD 216-421-3224 lfid@cwrwu.edu	Congenital Disease Eye movements Nystagmus	Human - Clinical Human - Fundamental	VA Merit Review	APAN Fast Fourier Transforms Fixation models Power Spectral Density visual acuity
Case Western Reserve University Department of Medicine 10900 Euclid Avenue Cleveland, OH 44106-4951	Kern, Timothy S., PhD 216-368-0800 tsk@po.cwru.edu	Diabetic Retinopathy Endocrinology Hyperglycemia	Rat - Fundamental	ADA JDFI NIH / NEI NIH/NIDDK Dept. of Veterans Affairs	immunoprecipitation capillary isolation oxidative stress trypsin digestion
Case Western Reserve University Biomedical Engineering 10900 Euclid Avenue Cleveland, OH 44106-4912	Kourennyi, Dmitri E., PhD 216-368-6047 dek@cwrwu.edu	Calcium Imaging Electrophysiology Photoreceptors	Salamander - Fundamental	The Whittaker Foundation	NEURON software
Case Western Reserve University Ophthalmology 11100 Euclid Avenue Cleveland, OH 44106-5068	Lass, Jonathan H., MD 216-844-8590 jonathan.lass@case.edu	Corneal Transplant Deep Lamellar Endothelial Keratoplasty (DLEK) Optical Coherence Tomography	Human - Clinical Cat - Fundamental	NIH / NEI	image processing Keratotomy microscopy Optical Coherence Tomography
Case Western Reserve University Pathology 2085 Adelbert Road Cleveland, OH 44106	Medof, M. Edward, MD PhD 216-368-5434 mxm16@po.cwru.edu	Cell surface engineering Complement regulation GPI anchor pathway	Mouse - Fundamental Human - Fundamental	Bausch & Lomb Ohio Lions Eye Research Foundation NIH / NEI Research to Prevent Blindness	electron microscopy flow cytometry immunocytochemistry immunohistochemistry SDS polyacrylamide gel electrophoresis western blotting
Case Western Reserve University Department of Medicine 10900 Euclid Avenue Cleveland, OH 44106-4951	Susanne Mohr, PhD 216-368-6129 sxm38@case.edu	Diabetic Retinopathy Caspases, apoptosis	Mouse-Fundamental	JDRF	apoptosis cell culture caspases
Case Western Reserve University Pathology 2085 Adelbert Road Cleveland, OH 44106-4907	Monnier, Vincent M., MD 216-368-6613 vmm3@po.cwru.edu	Cataract Diabetic Retinopathy Protein Modification	Human - Fundamental Microorganism - Fundamental	NIH / NEI	F-NMR gas chromatography mass spectrometry magnetic resonance imaging nuclear magnetic resonance spectroscopy oxidation
Case Western Reserve University Ophthalmology Wearn 643	Nagaraj, Ram H., PhD 216-844-1132	Age-related Cataract Formation Diabetic Retinopathy Pharmacology	Rat - Fundamental Cow - Fundamental	NIH / NEI Ohio Lions Eye Research Foundation Research to Prevent Blindness	enzyme linked immunosorbent assay high performance liquid chromatography

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Cleveland, OH 44106	nhr@po.cwru.edu	Protein Damage			
Case Western Reserve University Ophthalmology, Global Health, and 2109 Adelbert Road SOM W137 Cleveland, OH 44106-4983	Pearlman, Eric, PhD 216-368-1856 Eric.Pearlman@case.edu	Bacterial keratitis River Blindness Innate and adaptive responses Inflammation	Mouse - Fundamental	NIH / NEI	in vivo scanning microscopy enzyme linked immunosorbent assay flow cytometry fluorescence microscopy immunocytochemistry
Case Western Reserve University Neurology 11100 Euclid Ave Cleveland, OH 44106-5040	Porter, John D., PhD 216-844-7053 jd7@cwru.edu	Extraocular Muscles	Rat - Fundamental Mouse - Fundamental	NIH / NEI Knights Templar Eye Research Foundation Research to Prevent Blindness	electron microscopy immunocytochemistry molecular biology muscle sectioning and staining SDS polyacrylamide gel electrophoresis tissue /cell culture western blotting
Case Western Reserve University Ophthalmology BRB 448A 10900 Euclid Ave Cleveland, OH 44106-4951	Zhang, Jinzhong, PhD 216-368-0502 jxz2@po.cwru.edu	ACE inhibitor Diabetic Retinopathy	Rat - Fundamental	NIH / NEI	ion exchange chromatography organ culture polymerase chain reaction scintillation counter terminal nick end
Children's Hospital Medical Center Developmental Biology 3333 Burnet Ave Cincinnati, OH 45229-7007	Brown, Nadean L., PhD 513-636-1963 nadean.brown@cchmc.org	Genetics Neurobiology Retinal Development Transcription Factors:bHLH proteins	Mouse - Fundamental Drosophila-Fundamental	NIH / NEI	immunocytochemistry molecular cloning Transcriptional regulation gene targeting transgenics in situ hybridization fluorescence microscopy green fluorescent protein dsRed and other fluorescent proteins histology western blotting polymerase chain reaction
Children's Hospital Medical Center Developmental Bio & Ophthal 3333 Burnet Ave Cincinnati, OH 45229-3039	Lang, Richard A., PhD 513-636-2700 richard.lang@cchmc.org	Dry Eye Lacrimal gland branching Lens Development Neurobiology Vascular Biology	Mouse - Fundamental Rat - Fundamental	NIH / NEI	biological signal transduction DNA footprinting electron microscopy fibroblast growth factor flow cytometry fluorescence microscopy gel mobility shift assay gene targeting green fluorescent protein in situ hybridization lectroporation mass spectrometry molecular cloning polymerase chain reaction southern blotting transmission electron microscopy
Children's Research Institute Molecular & Human Genetics 700 Children's Drive Columbus, OH 43205	Robinson, Michael, PhD 614-722-2764 robinsom@pediatrics.ohio-state.edu	Cataract Congenital Birth Defects Lens Development Genetics	Mouse - Fundamental	NIH / NEI March of Dimes Birth Defects Foundation	immunofluorescence molecular cloning PCR assay polymerase chain reaction transgenesis/knockouts
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave I-31 Cleveland, OH 44195	Anand-Apte, Bella, MBBS PhD	Angiogenesis Retina	Human - Fundamental	Foundation Fighting Blindness NIH / NEI	
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave I-31 Cleveland, OH 44195	Crabb, John W., PhD 216-445-0425 crabbj@ccf.org	AMD Cornea Genetic Diseases Proteomics	Cat - Fundamental Human - Fundamental Microorganism - Fundamental Monkey - Fundamental	Cleveland Clinic Foundation Foundation Fighting Blindness NIH / NEI Swedish Medical Council	amino acid analysis electrospray ionization mass spectrometry fluorescence spectroscopy gel mobility shift assay

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		Retina Retinoids Caretenoids Visual Cycle Studies	Mouse - Fundamental Pig - Fundamental Rabbit - Fundamental Rat - Fundamental		high performance liquid chromatography immunocytochemistry immunoaffinity chromatography immunoprecipitation ion exchange chromatography liquid chromatography mass spectrometry mass spectrometry nuclear magnetic resonance spectroscopy protein sequencing SDS polyacrylamide gel electrophoresis ultraviolet spectrometry western blotting
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave I-31 Cleveland, OH 44195	Kadakia, A.A., MD Perry, J.D., MD 216-444-3635 sheldoh@ccf.org	Eyelid and Orbit	Human - Clinical		phenylephrine testing visual acuity
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Avenue Cleveland, OH 44195	Hollyfield, Joe G., PhD 216-445-3252 hollyfj@ccf.org	AMD Drusens Hyaluronan	Human - Clinical Human - Fundamental Mouse - Fundamental Rat - Fundamental	Cleveland Clinic Foundation Foundation Fighting Blindness Kirchgessner Foundation NIH / NEI	autofluorescence confocal microscoping analysis electrophoresis electron microscopy histochemistry /cytochemistry immunocytochemistry in situ hybridization light microscopy mass spectrometry polymerase chain reaction protein analysis protein sequencing SDS polyacrylamide gel electrophoresis staining western blotting
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave i32 Cleveland, OH 44195	Huang, David, MD PhD 216-444-0848 huangd@ccf.org	Cataract Corneal Disease LASIK Optical Coherence Tomography Refractive surgery	Human - Clinical	NIH / NEI Whitaker Foundation	numerical simulation bioimaging /biomedical imaging Optical Coherence Tomography spectrometry
Cleveland Clinic Foundation Div Ophthalmology i-3 9500 Euclid Avenue Cleveland, OH 44195	Kaiser, Peter K., MD 216-444-6702 pkkaiser@aol.com	Collaborative Ocular Melanoma Study (COMS) Diabetic Retinopathy Optical Coherence Tomography Protein Kinase C (PKC) Submacular Surgery Trials (SST) Visudyne photodynamic therapy Vitrase for Vitreous Hemorrhage (VVHS) Age related macular degeneration Anti-angiogenesis	Human - Clinical Human - Fundamental	NIH/NEI Alcon Bausch and Lomb Novartis Ophthalmics Eyeteck/Pfizer Ista Pharmaceuticals Allergan Theragenics	floresceine angiogram fundus photography intravenous fluorococin angiography Optical Coherence Tomography visual acuity
Cleveland Clinic Foundation Refractive Surgery 9500 Euclid Ave i32 Cleveland, OH 44195	Krueger, Ronald R., MD 216-444-8158 krueger@ccf.org	Advanced lamellar transplant Cataract Surgery LASIK Photorefractive keratectomy (PRK) Refractive Surgery	Human - Clinical		visual acuity
Cleveland Clinic Foundation Ophthalmic Research (I-31) 9500 Euclid Ave Cleveland, OH 44195	Peachey, Neal S., PhD 216-445-1942 peachen@ccf.org	Evaluation of the Retina with a Sub-retinal Microph Rat - Fundamental Mouse Models of Congenital Stationary Night Blinc Mouse - Fundamental Mouse Retinal Electrophysiology Neurophysiology	Mouse - Fundamental	NIH / NEI Dept. of Veterans Affairs	dark-adapted ERG ERG temporal response fluorescence immunocytochemistry immunocytochemistry morphometric analysis western blotting
Cleveland Clinic Foundation Ophthalmology Research Desk i-32 9500 Euclid Avenue Cleveland, OH 44195	Perez, Victor L., PhD 216-445-2530 perezv@ccf.org	Cornea Immune System Molecular Medicine	Mouse - Fundamental	NIH / NEI	confocal scanning microscopy histopathology immunocytochemistry transfection /expression vector

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Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave Cleveland, OH 44195	Rockwood, Edward J., MD 216-444-1995 rockwoe@ccf.org	Glaucoma	Human - Clinical	NIH / NEI	eye laser therapy eye pharmacology intraocular pressure ocular hypotensive, trabeculotomy
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Avenue Cleveland, OH 44195	Sears, Jonathan E., MD 216-444-8156 searsj@ccf.org	Diabetic Retinopathy Genetic Disorders Genetics Pediatric Retinal Detachment	Human - Clinical		visual acuity retinomy slit-lamp
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave I-31 Cleveland, OH 44195	Traboulsi, Elias I., MD 216-444-4363 traboue@ccf.org	AMD Cataract Medical Genetics Optic Nerve Pediatric Ophthalmology and Adult Strabismus	Human - Clinical	Cole Eye Institute Ophthalmic Research Foundation of Toyama M NIH / NEI	CAT Scan DNA sequencing MRI ophthalmic examination PCR assay slit-lamp biomicroscopy
Cleveland Clinic Foundation Cole Eye Institute 9500 Euclid Ave Cleveland, OH 44120	Wilson, Steven E., MD 216-444-5887 wilsons4@ccf.org	Cornea Molecular Medicine Refractive Surgery Wound Healing	Human - Fundamental Mouse - Fundamental Rabbit - Fundamental	NIH / NEI	immunocytochemistry in situ hybridization RNase protection assay tissue / cell culture
Louis Stokes Cleveland VA Medical Ball, Sherry PhD Research Cleveland, OH 44195	216-445-1942 slb25@case.edu	Mouse Retinal Electrophysiology Neurophysiology	Rat-Fundamental Mouse-Fundamental	Dept. of Veterans Affairs	dark-adapted ERG ERG temporal response immunocytochemistry
Medical College Of Ohio Anatomy & Neurobiology 3035 Arlington Avenue Toledo, OH 43614-5804	Hankin, Mark H., PhD 419-383-4129 mhankin@mco.edu	Anatomy and Neurobiology Retina Development	Mouse - Fundamental	Ohio Lions Eye Research Foundation	anatomical methods
Miami University Zoology 244 Pearson Hall Oxford, OH 45056	Del Rio-Tsonis, Katia, PhD 513-529-3128 delriok@muohio.edu	Lens Regeneration Retina Regeneration	Chick - Fundamental Newt - Fundamental	NIH / NEI	in ovo electroporation immunocytochemistry in situ hybridization polymerase chain reaction western blotting primary cultures
Miami University Psychology Benton Hall Oxford, OH 45056	Pantle, Allan J., PhD 513-529-6828 pantleaj@muohio.edu	Neuroscience Visual Process	Human - Clinical		
Miami University Dept Psychology Benton Hall Oxford, OH 45056	Olzak, Lynn A., PhD 513-529-1754 olzakla@muohio.edu	Visual Perception	Human - Clinical	NIH / NEI	colorimetry gratings
NASA Glenn Research Center Mail Stop 333-1 21000 Brookpark Road Cleveland, OH 44135	Ansari, Rafat R., PhD 216-433-5008 rafat.r.ansari@nasa.gov	AMD Alzheimer's Disease Blood Glucose (Diabetes Control) via Aqueous Cataract Choroidal Blood Flow Diabetic Retinopathy Glaucoma Non-invasive Technology Development Oxidative Stress Pharmacologic Vitreolysis Radiation Damage Retinal Caretonoids Uvietis	Guinea Pig - Fundamental Human - Clinical Monkey - Pharmacologic Pig - Pharmacologic Rabbit - Fundamental Rat - Fundamental	NASA's Office of Life & Microgravity Sciences a NIH / NEI, FDA, JBEC	Autofluorescence Dynamic Light Scattering Keratoscopy Laser Doppler Flowmetry Oximetry Raman Spectroscopy
Ohio State University Department of Ophthalmology 456 West 10th Ave. Columbus, OH 43210	MD, PhD 614-293-8041 abdel-rahman.4@osu.edu	Diabetic retinopathy Ophthalmic pathology Ocular melanoma	Human-Fundamental Human-Clinical	Ohio Lions Eye Research Foundation Blow Fund	molecular genetics RT-PCR cell biology immunohistochemistry and pathology
Ohio State University	Barr, Joseph T., OD MS	CLEK Photography Reading Center	Human - Clinical	NIH / NEI	fluorescein pattern

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Optometry 320 W 10th Ave Columbus, OH 43210-1240	614-292-0437 barr.2@osu.edu	Contact Lens			refraction sonogauge ultrasonic pachymeter visual acuity
Ohio State University Department of Ophthalmology 456 West 10th Ave.-#5324 Columbus, OH 43210	Benes, Susan C.MD 614-293-8908	Vision Problems in Developing Countries- Hondurz Human-Clinical Optic Nerve Disease Pseudotumor Cerebri Auto-immune Diseases Vasculitis Orbital Tumors	self-funded		ultrasound OCT visual fields
Ohio State University College of Optometry 338 West 10th Avenue Columbus, OH 43210-1240	MCOpto 614-292-4724 bullimore.1@osu.edu	Low vision Myopia Refractive Surgery	Human - Clinical	NIH / NEI	eye refractometry interferometry
Ohio State University Department of Ophthalmology 456 West 10th Ave. Columbus, OH 43210	Castellano, David MD 614-293-5635	Refractive surgery Corneal topography	Human - Clinical		ultrasound topography excimer lasers
Ohio State University Department of Ophthalmology 456 West 10th Avenue Suite 5B Columbus, OH 43210	Chorich, Louis J. III, MD 614-293-8041 Chorich.1@osu.edu	Retinal Uveitis	Human - Clinical		Optical coherence tomography (OCT) ultrasound fluorescein angiography visual fields fundus photography
Ohio State University College of Vet Medicine 601 Vernon L Tharp Street Columbus, OH 43210	Colitz, Carmen M., DVM 614-292-3551 colitz.1@osu.edu	Canine Indolent Ulcers Cataracts Equine Keratomycosis Lens Physiology Telomerase	Mouse - Fundamental	NIH / NEI	enzyme linked immunosorbent assay gel electrophoresis in situ hybridization organ culture polymerase chain reaction reverse transcriptase inhibitor southern blotting
Ohio State University Ophthalmology Department 456 W Tenth Avenue Suite 5B Columbus, OH 43210	Davidorf, Frederick H., MD 614-293-8041 davidorf.1@osu.edu	Angiogenesis Research Bilateral Drusen Study (CAPT) Collaborative Ocular Melanoma Study (COMS) Diabetic Retinopathy Studies Macular Degeneration Studies Malignant Melanoma Studies Submacular Surgery Trials (SST) Vitreoretinal Diseases Vitreous Hemorrhage Study (VITRASE)	Human - Clinical	NIH / NEI	vision test visual acuity
Ohio State University Molecular Genetics 318 W 12TH AVE COLUMBUS, OH 43210	Fuerst, Paul A., PhD 614-292-6403 fuerst.1@osu.edu	Genetics	Microorganism - Fundamental	NIH / NEI	DNA sequencing fluorescent in situ hybridization nucleic acid sequence polymerase chain reaction
Ohio State University Department of Ophthalmology 270 Bevis Hall 1080 Carmack Rd Columbus, OH 43210	Grzybowski, Deborah M., PhD 614-292-1750 grzybowski.3@osu.edu	Glaucoma Laser tissue effects in glaucoma Flow induced cell remodeling Experimental fluid mechanics Pseudotumor cerebri Corneal hydration Fibroblasts and ocular wound healing	Human - Fundamental Human - Clinical	Columbus Foundation American Health Assistance Foundation Ohio Lions Eye Research Foundation	Flow perfusion system immunohistochemistry laser scanning confocal microscopy flow cytometry tissue culture in vivo confocal microscopy corneal topography
Ohio State University Department of Ophthalmology/Biomedical Engineering 270 Bevis Hall 1080 Carmack Rd Columbus, OH 43210	Herderick, Edward E., BS 614-292-1555 eherderi@bme.ohio-state.edu	Image processing Software development Statistical analysis	Human - Clinical		statistical analysis data analysis
Ohio State University 456 West 10th Avenue Columbus, OH 43210	Katz, Steven E., MD 614-293-6892 katz.16@osu.edu	Diseases of the optic nerve Orbital and ocular adnexal tumors Orbital inflammatory disease Orbital Trauma Orbital vascular lesions Pseudotumor Cerebri	Human - Fundamental	Ohio Lions Research Foundation Carl M. and Grace C. Baldwin EyeCare Fund	immunohistochemistry

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Thyroid orbitopathy

Ohio State University 320 W 10th Ave PO Box 182342 Columbus, OH 43218-2342	Kulp, Marjean T., OD, MS 614-688-3336 kulp.6@osu.edu	Amblyopia Treatment Studies 1-5 (ATS) Convergence Insufficiency Treatment Trial Vision in Preschoolers Study Pirenzepine Ophthalmic gel Correction of Hyperopia in Children Study	Human - Clinical	subcontract Ohio Lions Eye Research Foundation NIH/NEI Valley Forge Pharmaceuticals/Novartis American Optometric Foundation COVID	Clinical Vision Testing
Ohio State University Dept Ophthalmology 456 West 10th Avenue Columbus, OH 43210	Lembach, Richard G., MD 614-293-8126 lembach-1@medctr.osu.edu	Anterior Segment Corneal topography Laser refractive surgery Keratoconus - epidemiology, contact lens and surgical RX	Human - Clinical	Ohio Lions Eye Research Foundation	refraction excimer lasers
Ohio State University Department of Ophthalmology 270 Bevis Hall 1080 Carmack Rd Columbus, OH 43210	Lewis, Jennifer R., PhD 614-292-5544 lewis.792@osu.edu	Corneal wound healing Tissue-excimer laser interactions Refractive surgery Corneal topography Tissue scaffolds, corneal remodeling and biomechanics Corneal lipid function Amblyopia and Functional magnetic resonance Nystagmus and Functional magnetic resonance	Human - Fundamental Human - Clinical	Ohio Lions Eye Research Foundation	functional magnetic resonance imaging cell biology tissue engineering confocal microscopy topography, SEM, AFM, optical profilometry
Ohio State University Department of Ophthalmology 270 Bevis Hall 1080 Carmack Rd Columbus, OH 43210	Liu, Jun PhD 614-292-5544 liu@bme.ohio-state.edu	Glaucoma Corneal biomechanics Refractive surgery Ultrasound biomicroscopy	Human - Fundamental	Ohio Lions Eye Research Foundation Columbus Foundation	computer modeling ultrasound
Ohio State University Department of Ophthalmology 270 Bevis Hall 1080 Carmack Rd Columbus, OH 43210	Mahmoud, Ashraf M., BS 614-292-1555 mahmoud.1@osu.edu	Refractive surgery Corneal topography Image processing Software development	Human - Clinical		topography data analysis statistical analysis
Ohio State University Department of Ophthalmology 456 West 10th Ave - #5835 Columbus, OH 43210	Mauger, Thomas F., OD, MD 614-293-5635	Anterior segment Corneal preservation Corneal topography Tear fluid and related pathology	Human - Clinical		topography in vivo confocal microscopy
Ohio State University Davis Heart Lung Research Institute 473 West 12th Ave Columbus, OH 43210	Moldovan, Nicanor I., PhD 614-247-7835 moldovan.6@osu.edu	Angiogenesis Diabetic retinopathy Inflammation Drug delivery systems	Mouse - Fundamental	NIH	flow cytometry confocal microscopy morphometry
Ohio State University College of Optometry 338 W Tenth Ave Columbus, OH 43210-1240	Mutti, Donald O., OD 614-247-7057 mutti.2@osu.edu	Collaborative Longitudinal Evaluation of Ethnicity and Refractive Errors Investigator of the Berkeley Infant Biometry (BIBS) Refractive Errors	Human - Clinical	NIH / NEI	eye refractometry retinoscopy retinography ultrasonography
Ohio State University Optometry 320 W 10th Ave Box 182342 Columbus, OH 43210	Nichols, Kelly K., PhD 614-688-5381 nichols.214@osu.edu	Cataracts Dry Eye Macular Degeneration Women's Health Initiative Sight Examination (WHI-SE)	Human - Clinical Human - Fundamental	American Optometric Foundation NIH / NEI Ohio Lions Eye Research Foundation	Vistakon Ezell microassay fluorescent dye /probe
Ohio State University College of Optometry 338 W 10th Avenue Columbus, OH 43210	Raasch, Thomas W., OD PhD 614-292-5116 traasch@optometry.osu.edu	Low Vision	Human - Clinical	NIH / NEI	biomedical automation visual acuity
Ohio State University Ophthalmology 456 W 10th Ave 5th Fl Hosp Clin Columbus, OH 43210	Roberts, Cynthia, PhD 612-293-7039 roberts.8@osu.edu	Corneal Topography Intraoperative Corneal Topography Laser Effects at the Cellular Level Laser Refractive Surgery Laser Trabeculoplasty	Human - Clinical Human - Fundamental	Ohio Lions Eye Research Foundation Columbus Foundation American Health Assistance Foundation BIOMECH	corneal topography keratron optical coherence tomography excimer lasers confocal microscopy
Ohio State University College of Optometry 320 West 10th Avenue	Schmidt, Paulette P., OD 614-292-3189	Vision In Preschoolers Study Refractive Errors	Human - Clinical	Beta Sigma Kappa Morris Funds NIH / NEI	visual acuity

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Columbus, OH 43210	schmidt.13@osu.edu				
Ohio State University 200L LAZENBY 1827 NEIL AVE MALL COLUMBUS, OH 43210	Todd, James T., PhD 614-292-8661 todd.44@osu.edu	Psychology Visual Cognition Visual Perception	Human - Clinical	NIH / NEI	behavioral /social science research tag psychophysics sensory discrimination
Ohio State University College of Optometry 338 W 10th Avenue Columbus, OH 43210-1240	Walline, Jeffrey J., OD PhD 614-292-6603 walline.1@osu.edu	Contact Lens Myopia	Human - Clinical	CIBA Vision Corporation Ezell Fellowship Menicon Co. Ltd. NIH / NEI SOLA Optical USA	ultrasonography
Ohio State University Dept of Ophthalmology 456 West 10th Ave - #5106 Columbus, OH 43210	Weber, Paul A., OD 614-293-8119 weber.5@osu.edu	Glaucoma Laser tissue effects in glaucoma Ocular Computerized Tomography	Human - Clinical	NIH / NEI Ohio Lions Eye Research Foundation	eye fundus photography glaucoma test OCT
Ohio State University College of Optometry 338 West Tenth Ave Columbus, OH 43210-1240	Zadnik, Karla S., OD 614-292-6603 zadnik.4@osu.edu	Collaborative Longitudinal Evaluation of Ethnicity Collaborative Longitudinal Evaluation of Keratocon	Human - Clinical Human - Fundamental	NIH / NEI Office of minority research Ohio Lions Eye Research Foundation Vistakon Ezell Fellowship	cyclopedic autorefraction vision test
Retina Associates of Cleveland 3401 Enterprise Parkway #300 Beachwood, OH 44122	Singerman, L.J., MD 216-831-5700 lbell@retina-assoc.com	AMD Diabetic Retinopathy Choroidal Neovascularization Prevention	Human - Clinical	EntreMed, Inc	visual acuity
University Of Cincinnati Ophthalmology Eden Ave & Albert Sabins Way Cincinnati, OH 45267-0527	Kao, Winston W., PhD 513-558-2802 winston.kao@uc.edu	Corneal Development Genetic Development and Aging Retinal Cell Biology Wound Healing	Mouse - Fundamental	NIH / NEI Ohio Lions Eye Research Foundation	electron microscopy gene targeting immunocytochemistry immunostaining in situ hybridization microarray technology molecular cloning northern blotting polymerase chain reaction southern blotting terminal nick end labeling transmission electron microscopy western blotting
University Of Cincinnati MSB 2201 PO Box 670524 Cincinnati, OH 45267-0524	Thompson, Richard L., PhD 513-558-0063 richard.thompson@uc.edu	Microbiology Molecular Genetics	Mouse - Fundamental Rabbit - Fundamental	NIH / NEI	immunocytochemistry microorganism culture morphometry
University Of Dayton Biology 300 College Park Dayton, OH 45469-2320	Tsonis, Panagiotis A., PhD 937-229-2579 panagiotis.tsonis@notes.udayton.edu	Lens Regeneration	mouse - Fundamental Newt - Fundamental	NIH / NEI	in situ hybridization molecular cloning primary cultures organ culture polymerase chain reaction immunohistochemistry vision test
Wright State University Psychology Dept Colonel Glenn Highway Dayton, OH 45435	Nagy, Allen L., PhD 937-775-2626 anagy@wright.edu	Color Blindness Perception of color Physiology	Human - Clinical	NIH / NEI	vision test

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Wright State University
Biochemistry & Molecular Bio
3640 Col Glen Highway
Dayton, OH 45435

Organisciak, Daniel T., PhD
937-775-3041
dto@wright.edu

Cell Death
Effect of Environmental Lighting on Retina
Molecular Biology
Retinal Degeneration

Rat - Fundamental

AHFMR (PW)
B.A. Baker Foundation
Cleveland Clinic Foundation
DJF
DTO
Fight for Sight
Foundation Fighting Blindness
M. Petticrew
NIH / NEI
NSERC
U of Wisconsin

electron microscopy
HPLC
immunocytochemistry
light microscopy
mass spectroscopy
northern blotting
protein sequencing
SDS polyacrylamide gel electrophoresis
western blotting