

**Dr. Bhavani Kashyap**  
**Research Associate-MD-PhD**  
**HEALTHPARTNERS NEUROSCIENCE CENTER**

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**Education:**

- **Ph. D., Neuroscience**  
University of Idaho, Moscow, ID
- **MBBS, Bachelor of Medicine and Bachelor of Surgery**  
Bangalore Medical College, Bangalore, India

**Research Experience:**

**Research Associate- MD-PhD; April 2017- Present**  
**HealthPartners Neuroscience Center**

- **Clinical Research in Dementia and Stroke**

**Research Fellow; Feb 2015- April 2017**  
**HealthPartners Center for Memory and Aging**

- **Clinical Research in Dementia and Stroke**

**Contract Research Scientist; Feb 2010- Aug 2010**  
**Inspire Medical Systems, Maple Grove, MN**

- **Implantable Medical Device research- OSA treatment**

**Research Associate (Volunteer); Nov 2009- Jul 2010**  
**Department of Ophthalmology, University of Minnesota, MN**

- **Retina and Corneal Research**

**Graduate Research Assistant; Aug 2004- Oct 2009**  
**Neuroscience Program, University of Idaho, ID**

- **Research in Retina and neuro-developmental disorders.**

**Teaching Experience:**

**Teaching Assistant- Genetics for Biology Majors**  
**Department of Biological Sciences, University of Idaho; Aug 2008-Dec 2008**

**Teaching Assistant- Central Nervous System for Medical Students**  
**WWAMI program, University of Idaho; Jan 2006- May 2006**

**Clinical Experience:**

**Clinical Observership;**  
**Family Medicine, HealthEast Care System, Woodbury, MN; Feb 2011- Apr 2011**

**Pediatrics, Palouse Pediatrics, Pullman, WA; Jan 2008- May 2008**

**Resident Intern; Jun 2003-Jun 2004**  
**Victoria Hospital, Bangalore India**

**Publications:**

- **Kashyap, B., Pegorsch, L., Frey, R. A., Sun, C., Shelden, E. A., & Stenkamp, D. L. (2014). "Eye-specific gene expression following embryonic ethanol exposure in zebrafish: roles for heat shock factor 1". **Reproductive toxicology**, 43, 111-124.**
- **Kashyap, B.; Frey, R.A. & Stenkamp, D.L. "Ethanol-Induced Microphthalmia is not Mediated by changes in Retinoic Acid or Sonic Hedgehog Signaling During Retinal Neurogenesis". **Alcoholism: Clinical and Experimental Research**, 2011, 35: no. doi: 10.1111/j.1530-0277.2011.01511.x.**

- Vanderveken, O.M; Boudewyns, A; Ni, Q; **Kashyap, B**; Verbraecken, J; De Backer, W; Van de Heyning, C. “Cardiovascular Implications in the Treatment of Obstructive Sleep Apnea”. Review. **Journal of Cardiovascular Translational Research**, 2010, 1-8.
- **Kashyap, B.**; Frederickson, L.C. & Stenkamp, D.L. “Mechanisms for persistent microphthalmia following ethanol exposure during retinal neurogenesis in zebrafish embryos”. **Visual Neuroscience**, 2007, 24, 409-421.

### **Presentations:**

- **Kashyap B**, Carol Droegemueller, Lauren Erickson, Leah Hanson and Haitham Hussein. Poster Presentation Clinical Characteristics and Healthcare Utilization of Hmong Patients Presenting with Stroke. **Neurology April 18, 2017 vol. 88 no. 16 Supplement P3.075**
- **Kashyap.B.** “Research Overview”. **Invited talk at Department of Pediatrics, Bangalore Baptist Hospital, Bangalore, India.** December 2011.
- **Kashyap, B. & Stenkamp, D.L.** “Understanding ethanol induced microphthalmia: A role for Retinoic acid?” Poster presentation at **Gordon Conference on Visual System Development.** August 2008.
- **Kashyap, B. & Stenkamp, D.L.** “Role of retinoic acid in ethanol induced microphthalmia in zebrafish.” **Oral presentation at Society for Developmental Biology-** March 2008 NW Regional Meeting.
- **Kashyap, B. & Stenkamp, D.L.** “Ethanol induced microphthalmia in zebrafish during retinal neurogenesis- a search for mechanisms”. **Poster Presentation at annual meeting of Association for Research in Vision and Ophthalmology,** May 2007.
- **Kashyap, B. & Stenkamp, D.L.** “Microphthalmia following embryonic ethanol exposure in Zebrafish: A search for mechanisms” **Poster presentation at 7th International meeting on Zebrafish development and genetics.** June 2006.
- **Kashyap, B. & Stenkamp, D.L.** “Tanked Zebrafish embryos: ethanol induced microphthalmia” **Poster presentation at Society for Developmental Biology-** March 2007 NW Regional Meeting.
- **Kashyap, B. & Stenkamp, D.L.** “Effects of Embryonic ethanol exposure on retinal development in Zebrafish” **Oral presentation at INBRE 4th Annual Research Conference,** August 2005.

### **Community Presentations:**

- **Kashyap.B.** “Healthy Brain Aging and Alzheimer’s Research”. **Invited talk at New perspective, Waconia, Minnesota. Feb 2017**
- **Kashyap.B.** “Understanding Memory-Related Research”. **Invited talk at Augastana Memory Club, Minneapolis, Minnesota. October 2016**
- **Kashyap.B.** “Sleep Issues and Dementia”. **Ask the Expert Series Talk at Augastana Care Facility, Apple Valley, Minnesota. June 2016**
- **Kashyap.B.** “Understanding Memory-Related Research”. **Invited talk at Augastana Memory Club, Minneapolis, Minnesota. May 2016**
- **Kashyap.B.** “Understanding Memory-Related Research”. **Invited talk at Park Nicollet Memory Club, Minneapolis, Minnesota. April 2016**
- **Kashyap.B.** “Healthy Brain Aging”. **Invited talk at Keystone Communities, Minneapolis, Minnesota. June 2015**
- **Kashyap.B.** “Healthy Brain Aging”. **Invited talk at Augastana Memory Club, Minneapolis, Minnesota. March 2015**

### **Peer Reviewed Abstracts:**

- Michael H. Rosenbloom, Terry R. Barclay, Andrew E. Dorwart, Lauren O. Erickson, Ann M. Werner, **Bhavani Kashyap**, Soo Borson, Leah R. Hanson. “Cognitive Screening Results from the Medicare Annual Wellness Visit in a Primary Care Practice”. **The Alzheimer's Association International Conference. July 2017**
- Leah R Hanson, Michelle Barclay, **Bhavani Kashyap**, Beth Somerville, Mary Jo Kreitzer, Logan Stuck, Terry R Barclay. “Mindfulness for Early Alzheimer’s Disease: A Pilot Study”. **The Alzheimer's Association International Conference. July 2017**
- Haitham Hussein; **Bhavani Kashyap**; Lauren Erickson; Anna Forsberg; Aaron Burnett; Stephen Stanfield; Sandi Wewerka; Alexia Terwilliger; Leah Hanson. “Analysis of Run Sheets of EMS Serving a Metropolitan Comprehensive Stroke Center”. **National Association of EMS Physicians Annual Meeting.** Jan 2017
- Stenkamp D.L.; **Kashyap B**; Sloan B. “Ethanol-Induced Microphthalmia in the Zebrafish Embryo is not Mediated by the Retinoic Acid or Hedgehog Signaling Pathways”. **Association for Research in Vision and Ophthalmology** May 2009.

- Stenkamp D.L.; Stevens C.B; **Kashyap B**; Cameron D. “New roles of retinoic acid in eye development”. **Association for Research in Vision and Ophthalmology**, April 2008.
- Prabhudesai S.N, Cameron D, Singh S, **Kashyap B**, Stenkamp D.L. Localization of Retinoic Acid Signaling Components and Effects of Retinoic Acid on Photoreceptor Development. **Investigative Ophthalmology and Visual Science** 46 (5), 582, May 2005.

**Awards:**

- Student Grant Program Grant Awardee: For proposal titled “Eye-specific gene expression following embryonic ethanol exposure”. April 2008-April 2009
- Gordon Research Conference Chair Fund Awardee: For presenting research at Gordon Research Conference in Visual Development. August 2008
- Student Grant Program Dissemination Grant Awardee: For presenting research at Regional SDB conference. March 2008
- Neuroscience Fellowship: From IDeA Networks of Biomedical Research excellence for graduate studies. August 2004- August 2005