

# Mohan Krishnan

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Department of Clinical & Health Psychology  
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**Objective** To develop core expertise in psychological assessment and in therapy practice, and to pursue research in the biological substrates and unique characteristics of depression in populations with chronic health concerns.

**Education**      **2004 – Present**                      **University of Florida**                      **Gainesville, FL, USA**  
**Pursuing: MS / PhD, Clinical & Health Psychology (Current GPA 4.0 / 4.0)**

- Clinical child and chronic pain population assessment experience
- Cognitive / Behavioral Therapy experience in treatment of anxiety disorders
- Research in vascular depression and pre-clinical detection of Alzheimer's Dementia

**2002 – 2004**                      **Wayne State University**                      **Detroit, MI, USA**  
**Post-bachelor courses in psychology (GPA 4.0 / 4.0)**

- Advanced undergraduate and graduate-level courses in psychology

**1997 – 1999**                      **University of Michigan**                      **Ann Arbor, MI, USA**  
**MS, Nuclear Engineering (GPA 7.2 / 9.0)**

- Concentrated in physics of plasmas, with research in applied laser science
- Taught undergraduate science laboratory (six students)

**1993 – 1997**                      **University of Michigan**                      **Ann Arbor, MI, USA**  
**BSE, Engineering Physics (GPA 3.9 / 4.0 – Summa Cum Laude)**

- Edited a news-journal with 8000 readers, writing articles and supporting the development of writers
- Provided student leadership in several engineering societies, and was elected to Phi Beta Kappa

**Publications  
(Peer-reviewed)**

- E. A. Storch, T. K. Murphy, M. Fernandez, **M. Krishnan**, G. R. Geffken, A. R. Kellgren, and W. K. Goodman. "Factor Analytic Study of the Yale Global Tic Severity Scale." *Psychiatry Research* (Submitted).
- D. Duke, **M. Krishnan**, M. Faith, and E. A. Storch. "The Psychometric Properties of the Brief Fear of Negative Evaluation Scale." *Journal of Anxiety Disorders* (In Press).
- M. Krishnan**, B. T. Mast, L. J. Ficker, L. Lawhome, and P. A. Lichtenberg. "The Effects of Preexisting Depression on Cerebrovascular Health Outcomes in Geriatric Continuing Care." *Journal of Gerontology: Medical Sciences*, 60A, No. 7 (2005), 915-919.
- X. Wang, N Saleh, **M. Krishnan**, H. Wang, S. Backus, M. Mumane, H. Kapteyn, D. Umstadter, Q. Wang and B. Shen. "Strong-Field Interactions with Atoms, Clusters, and Plasmas - Generation of mega-electron-volt electron beams by an ultrafast intense laser pulse." *Journal of the Optical Society of America B*, 20, no. 1 (2003), 132-137.
- X. Wang, **M. Krishnan**, N. Saleh, H. Wang and D. Umstadter. "Plasma and Beam Physics – Electron Acceleration and the Propagation of Ultrashort High-Intensity Laser Pulses in Plasmas." *Physical Review Letters*, 84, no. 23 (2000), 5324-5327.
- S.-Y. Chen, **M. Krishnan**, A. Maksimchuk and D. Umstadter. "Lasers, Particle Beams, Accelerators, Radiation Generation - Excitation and damping of a self-modulated laser wakefield." *Physics of Plasmas*, 7, no. 1 (2000), 403-413.
- S.-Y. Chen, **M. Krishnan**, A. Maksimchuck, R. Wagner and D. Umstadter. "Lasers, Particle Beams, Accelerators, Radiation Generation – Detailed dynamics of electron beams self-trapped and accelerated in a self-modulated laser wakefield." *Physics of Plasmas*, 6, no. 12 (1999), 4739-4749.

**Publications  
(conferences  
& seminars)**

- Poster: **M. Krishnan**, B. T. Mast, L. J. Ficker, L. Lawhome, & P. A. Lichtenberg.. (Accepted). Characterizing Depression in Older Individuals Upon Admission to Continuing Care. Poster accepted for presentation at the 2006 Annual Meeting of the American Psychological Association.
- Poster: **M. Krishnan**, Y.-L. Chang, B. C. Sachs, E. Leritz, & R. Bauer. (2006). Clustering and Switching in Verbal Fluency Tasks in Older Individuals with Mild Cognitive Impairment and Normal Controls. Poster session presented at the 2006 Annual Meeting of the International Neuropsychological Society.
- Poster: **M. Krishnan**, B. Sachs, E. Leritz, P. Seignourel, & R. Bauer. (2005). Increased intra-subtest scatter on the Wechsler abbreviated scale of intelligence as a characteristic of mild cognitive impairment. Poster session presented at the Annual Meeting of the National Association of Neuropsychologists. *Archives of Clinical Neuropsychology*, 20:847-848. *This poster was awarded a student poster award by the National Association of Neuropsychologists.*
- Poster: **M. Krishnan** & M. Marsiske. (2005). Relationships Between Medication Levels and Depressive Symptoms in the ACTIVE Pilot Study. Poster session presented at the Annual Meeting of the Gerontological Society of America. *This poster was also presented at the University of Florida Rehabilitation Research Day (2005) and College of Public Health and Health Professions Research Day (2005).*
- Lecture: **M. Krishnan**. "Relationships Between Medication Levels and Depressive Symptoms in the ACTIVE Pilot Study." Veteran's Association Medical Center, Center for Neuropsychological Studies, (2005). *This lecture was also presented at the University of Florida, Department of Clinical & Health Psychology, Neuropsychology Seminar (2005).*
- Lecture: **M. Krishnan**. "Depression Over The Lifespan: Assessing the Changing Importance of Some Major Predictors." University of Florida, Department of Psychology, Developmental Psychology Colloquium Series (2005).

**Clinical Work**

**July 2005 – July 2006      University of Florida      Gainesville, FL, USA**

**Core Psychological Assessment Practicum**

- Core rotations in clinical child assessment, pain management, neuropsychology, and general mental health assessment (planned, April 2006 – July 2006)

**Therapy Practicum**

- Completed over 30 hours of individual psychotherapy service in the treatment of anxiety disorders, pain management, and childhood oppositionality

**Employment  
History**

**Sept 2004 – Present      University of Florida      Gainesville, FL, USA**

**Graduate Student Research Assistant**

- Research of neurological changes in the development of depression in chronic health populations, and early neuropsychological correlates of Dementia of the Alzheimer's Type

**Instructor (January 2006 – April 2006)**

- Developed and taught an advanced undergraduate class (Occupational Therapy 4314 – Psychiatric Disorders) with 72 students in the University of Florida Bachelor's of Health Science program

**April 2002 – April 2004      Textron Corporation      Troy, MI, USA**

**Program Engineer**

- Design and release responsibilities for fuel system components for General Motors vehicle programs
  - Lead major program milestone development – design, testing, and prototype manufacturing
  - Develop cost, timing and plans for engineering development
  - Work in multi-company, international teams to achieve engineering objectives
  - Create documentation for quality control (e.g. bills-of-materials)
- Maintain engineering deliverables for existing fuel system components

**Warranty Analyst**

- Responsible for analysis of warranty claims for several automakers
- Tracked warranty impacts in terms of frequency and cost and identified important statistical trends
  - Identified critical issues to target for warranty reduction



- **Angeltree Ministries** – assisted in coordinating collection drives at work and interfaced with Angeltree to provide holiday presents to children of incarcerated parents