

Objectives: To understand the relationship between cognitive psychology and the underlying neural substrates and develop into a professor and researcher working in this specific area of psychology.

Biographical: November 10th, 1977
506-09-2521

Education: B.S. Psychology, University of Nebraska at Omaha, Cum Laude (2003).
B.A. Philosophy, University of Nebraska at Omaha, Cum Laude (2003).

Publications

Green, S. R. (2004) Stimulus Meaning Determines Translation. To be published in the April issue of Dialogue.

Presentations

Presented the paper "Stimulus Meaning Determines Translation" at The Fifth Annual Midwest Undergraduate Philosophy Conference Sponsored by Creighton University (2003)

Research Experience

Principal Investigator (August 2002 - Present)

Under the supervision of Dr. Brown, conducting an independent thesis examining the role of the Frustration Effect on problem solving. Developed an original thesis after performing an extensive literature search. Self taught visual basic in order to write a program capable of presenting problems, check for correct response, collect a large array of data, and organize data into trends for comparison between experimental conditions. Managed the logistics of participant scheduling and eight computers to insure they are configured correctly for the study.

Research Student (May 2003 - August 2003)

One of only a handful of students selected for the summer internship at the Center for Neurovirology and Neurodegenerative Disorder at the University of Nebraska Medical Center. Trained and performed, cell lysing, Nissl staining, Western blotting, proliferation assays, Bicinchoninic Assay (BCA), and immunofluorescent staining. The research was aimed at determining relative concentrations of Glial Fibrillary Acidic Protein (GFAP) and Glial-Derived Neurotrophic Factor (GDNF) as function of experimental condition in the striatum of mice injected with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. Other projects included determining the presence of Myelin Basic Protein in spleen and cervical tissue and staining fixed striatum tissue with immunofluorescent antibodies for T-cells (CD3) and astrocyte activation (GFAP).

Research Assistant (August 2002 - May 2003)

Volunteered at the Center for Neurovirology and Neurodegenerative Disorders at the University of Nebraska medical center. Research examined the etiology of Parkinson's Disease using 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine as means for causing neurodegeneration in mice. Developed a proposal entitled Discerning the point at which secondary degeneration begins in the MPTP model. Exposed to mice perfusions, tissue slicing, mounting, staining, and western blotting (2002).

Research Assistant (August 2000 - December 2000)

Conducted research under Dr. Julie Wieseler-Frank by recording learned helpless behavior of rats while they performed a swim test. The research examined the effects of Fluoxetine on the immune system. An Evaluation of Immune Function and Effects of Fluoxetine in Rodent Models of Depressive and Sickness Behaviors (2000).

Teaching Experience

Undergraduate Teaching Assistant- Assisted Dr. Shelton Hendricks in his Introduction to Psychology class. Executed a two hour review session once a week. (1998)

Undergraduate Teaching Assistant- Assisted Dr. Shelton Hendricks in his Introduction to Psychology class. Guided students in one hour review sessions twice a week. Presented several class lectures during the semester. (1999)

Undergraduate Tutor- Conducted review sessions for Dr. James Thomas Introduction to Psychology class once a week (2000)

Presented Lectures in Dr. Joseph Brown's Introduction to Psychology II. (2001)

Mad Science Teacher- Prepared and taught classes covering basic scientific principles and concepts using a combination of simple lecturing and interactive experiments. (1999, 2000, 2001)

Awards and Recognition

Arts and Science's Deans List (1997, 1998, 1999, 2000, 2001, 2002)

F.W. Kayser Scholarship (1998)

Foundations for Educational Funding Scholarship (1999)

Golden Key National Honor Society University of Nebraska at Omaha (1997)

Rhoden Undergraduate Scholarship University of Nebraska at Omaha (2000, 2001)

Other Areas of Experience

Self-taught artist capable in the mediums of pencil, ink, pen and paint using watercolor, acrylic, or oil.

Without any training, developed substantial skills for creating and manipulating images using Corel Draw, a high end software package used for image creation and photo manipulation. Have also become proficient in creating flash animation using Corel Rave and web development using Marcomedia MX Dreamweaver. Used these skills to create and manage a website (www.DisabusiveSophist.com).

Expert using I23, Word Pro, and Freelance Graphics which are the Lotus equivalent to Microsoft's Excel, Word and Power Point. Familiar with these Microsoft programs as well as their operating system. Assembled a small home network system and I have some familiarity with visual basic. Have a little experience working with Apple computers.

Wrote editorials as a columnist for the Gateway, UNO's school newspaper. (1997)