

Curriculum Vitae

Valarie A. Yerdon

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Personal Statement

A dedicated, persistent researcher and teacher, seeking to learn, teach, and grow knowledge of cognitive, behavioral, and experimental human factors psychology.

EDUCATION

University of Central Florida Institute of Simulation and Training Master of Science Major: Modeling and Simulation Area of Specialization: Human Systems	May 2017
University of Central Florida Graduate Certificate in Cognitive Science	May 2017
University of Central Florida Bachelor of Science Major: Psychology Minor: Legal Studies	December 2015
Syracuse SUNY College, OCC Architecture and Graphic Design	December 1990

HONORS, AWARDS, and ACTIVITIES

2018 – Secretary of Human Factors and Ergonomics Society (HFES) Student Chapter at UCF
2018 – Newsletter and Web Editor for International HFES AUG COG Tech Group
2017 – Human Factors Ergonomics Society First-Year Student Travel Honorarium Program Award
2017 - Eureka Research Society's Fall Graduate Student Panel Mentoring
Member National Honor Society since 1986

WORK EXPERIENCE

RESEARCH EXPERIENCE

Graduate Research Assistant **June 5, 2016 - Present**
University of Central Florida (UCF)
Prodigy Lab
Institute for Simulation & Training (IST)
Dr. Lauren Reinerman-Jones
Indicators of Legitimate and Illicit Information Search Study
PhD Assistantship GRA position –

- Physiological measurement with eye tracking, thermal mapping, EEG, and fNIR
- Development, design and editing of simulations and scenario/script building.
- Organization of data collection, analysis, and reporting.
- Contribute to meetings and correspond with management, supervisors, and fellow students
- Write and edit papers for submission to journals and conference proceedings.

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Undergraduate and Graduate Research Assistant

August 10, 2015 – Present

University of Central Florida

Minds in Technology/ Machines in Thought (MIT²) Lab

Dr. Peter Hancock

NASA Sleep Deprivation and Workload Study

Human-Robot Trust Measures

Cross-Cultural Human-Autonomous Vehicle Trust

Autonomous Vehicle Driving Study

- Writing, organizing, and submission of grant and fellowship applications
- Assisting in recommendation letters for awards, grants, and fellowships
- Communicate professionally via phone and email with associates and organizations
- Edit of documents and files per directed revisions
- Lead and delegate tasks with Research Assistants (RA's)
- Meta analyses, research, review, and collection of studies for inclusion in database
- Work on collaborative online database spreadsheets
- Input and brainstorm current trajectory and future of partnered studies in the lab
- Attend weekly meetings and communicate online with members of teams

Undergraduate Research Assistant

June 2015 – June 2016

University of Central Florida

Clinical Psychology OLDeR Lab

Dr. Daniel Paulson

Vascular Signs of Aging and Cognitive Rehabilitation Procedures

- Research, review, and collection of appropriate studies, articles, journals, periodicals for multiple graduate student projects and lab files
- Use index terms and graduate paper themes to research with Google Scholar and ILLiad.
- Format Thesis for graduate students according to UCF requirements
- Search, complete and upload files using EndNote in research and organization
- Review and edit thesis and research papers for graduate and undergraduate students

TEACHING EXPERIENCE

Graduate Teaching Assistant (GTA)

January 2018 – Present

Massachusetts Institute of Technology (MIT)

Human Factors Engineering – Designing for the Human MIT IAP 2018

Dr. Ben D. Sawyer

- Communicate with instructor with intentions, progress, and final approval
- Develop web based classroom materials, submission pages and forms
- Create portal for image and text assignments to be posted
- Design pages for daily and final class projects for judging
- Layout final winners design projects for publication
- Highlight of Forbes magazine article on class work and winning team submission

Graduate Teacher's Assistant (GTA)

August 2015 – December 2015

University of Central Florida

Personality Theory and Research

Professor Jason Chesnut

- Grade weekly written in class assignments and quizzes
- Using Web Courses record, and monitor attendance and grades
- Attend weekly meetings with teacher and co-TA
- Communication and with students, teacher, fellow TA

TEACHING INTEREST

- Personality Theory and Research
- Cognitive Neuroscience
- Cultural/Societal Theory
- Psychological Theory

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- Physiological Measures
- Human Factors

SERVICE EXPERIENCE

- 2013 – Present, Central Florida Community Arts Member
- 2013 – Present, Coalition for the Homeless, Orlando, FL. Preparing and serving meals
- 2010 – Present, Winter Garden Community Choir Board of Directors and Member during Creation of 501(c)(3) Non-Profit Community Music and Arts Group
- 2004 – 2008 Groveland Boy's Home, Holiday meals prepared and served to troubled youth
- 2003 – 2013 Sisters of Sound, Clermont, FL. Singing for nursing home residents
- 2003 – 2013 Lake County Ladies Chorus, Leesburg, FL. Singing for nursing homes and seniors
- 2003 – 2013 Vacation Bible School Director and Teacher. Grades K-12 and Adults
- 2003 – 2013 Women's Sunday School Teacher – Adult Lesson planning and learning
- 2003 – 2013 Teacher and Missions Groups Leader Grades K-8 and Adults
- 2003 – 2013 Team Leader for Special Music

PROFESSIONAL EXPERIENCE

Software & Web Project Manager in Research and Development

January 2000 – May 2013

Syracuse New York/ Clermont, Florida

Business Owner, Manager, and Founder

- Provided excellent customer service by ensuring prompt service, meeting needs
- Website creation, development, and content management
- Generate lead marketing seminars for training in advancement in varied businesses
- Created and facilitated the integration of new website, graphics, logos, and marketing plans to meet clients' needs, goals, and budgets for the best ROI
- Built appealing graphic designs and logos to match client needs and goals
- Facilitated the integration of new software for office
- Payroll and Schedule Manager
- Inventory Tracking, Ordering, Maintenance
- Employee Retention, Hiring, Evaluations

Publications

Yerdon, V. A., Marlowe, T. A., Volante, W. G., Li, S., & Hancock, P. A. (2017). Investigating Cross-Cultural Differences in Trust Levels of Automotive Automation. *In Advances in Cross-Cultural Decision Making* (pp. 183-194). Springer International Publishing.

Kessler, T. T., Larios, C., Walker, T., Yerdon, V., & Hancock, P. A. (2017). A Comparison of Trust Measures in Human–Robot Interaction Scenarios. *In Advances in Human Factors in Robots and Unmanned Systems* (pp. 353-364). Springer International Publishing.

Volante, W. G., Sanders, T., Dodge, D., Yerdon, V. A., & Hancock, P. A. (2016, September). Specifying Influences that Mediate Trust in Human-Robot Interaction. *In Proceedings of the Human Factors and Ergonomics Society Annual Meeting* (Vol. 60, No. 1, pp. 1755-1759). SAGE Publications.

Volante, W., Stowers, K., Yerdon, V. A., & Hancock, P. A., (2016). *Workload and Scheduling Tools for Long Duration Space Missions*. For NASA Human Research Program Investigators' Workshop. [Poster – Abstract]

Hancock, P., Walker, T., Yerdon, V., Volante, W., & Li, S. L. (2016). Accident events in automated vehicles. For *Human Factors & Applied Psychology Conference 2016*

Curriculum Vitae

Certifications/Registrations/Training

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- Graduate Ethics Core and Elective Training
- UCF Essentials Extreme GTA Training Complete
- UCF GTA Associate
- Certified Guardian Advocate
- iRIS – Integrated Research Information Systems
- CITI Good Clinical Practice Course
- Conflict of Interest
- Group 2. Social / Behavioural Research Investigators and Key Personnel
- Principle Investigators & Researchers EC
- Social and Behavioral Responsible Conduct of Research
- Google AdWords Professional since 2006

Computer/Program Skills

- Adept at Microsoft Office 2010: Word, Excel, PowerPoint, Publisher; Adobe, Photoshop, PDF, EndNote, Zotero, ILLiad, Google Online Docs/Sheets/Drive, Drop Box, Google AdWords, Meta Tags Keywords Website Search Optimization Excellent Working Knowledge: HTML, CSS, FTP, WordPress, XML, SJON

References available upon request.