

**Postdoctoral Research Scholar – Neurodevelopmental Criminology
School of Criminology and Criminal Justice (SCCJ)
Arizona State University (ASU)**

The School of Criminology and Criminal Justice (SCCJ) at Arizona State University (ASU) is looking for a Postdoctoral Research Scholar to assist with several projects examining the neurobiological underpinnings of criminal behavior and psychopathic personality features across development. The most recent project is an fMRI study examining the impact that neurobiological functioning has on the effectiveness of an empirically-supported family-based intervention (i.e., Bridges to High School) for teens exhibiting significant conduct problems. This project is being conducted as part of a collaboration between Dr. Dustin Pardini (primary mentor) in SCCJ and Dr. Nancy Gonzales in the Department of Psychology at Arizona State University. Successful candidates will also author/co-author peer-reviewed publications using fMRI, sMRI, and DTI data collected with a 3T Siemens Magnetom TIM Trio as part of two pre-existing studies: 1) a randomized control trial evaluating the effectiveness of an empirically-based multimodal treatment program for boys exhibiting childhood-onset conduct problems; and 2) a community-based longitudinal study examining the developmental etiology of antisocial behavior in a group of males who have undergone regular multi-modal assessments from childhood into their mid-30s.

This is a full-time (1.0 FTE), benefits-eligible, year-to-year appointment. Renewal is possible on an annual basis for a period lasting up to 2 years. For additional information and policies regarding postdoctoral scholars at ASU, please see <http://provost.asu.edu/postdoc>. Salary is commensurate with experience. Pilot fMRI scan time will be provided to individuals who plan to apply for external funding to support their own research. Successful candidates will also receive an annual stipend of \$3,000 to support research-related travel and training activities.

The **School of Criminology and Criminal Justice** is in a period of dynamic growth. From ASU's campus in Downtown Phoenix, the SCCJ offers the bachelor's, master's, and doctoral degrees in criminology and criminal justice; the Ph.D. program is ranked 12th in the United States (<http://ccj.asu.edu>). Neuroimaging research is conducted in collaboration with the nearby Keller Center for Imaging Innovation within the Barrow Neurological Institute; an internationally recognized leader in neurological research and patient (<http://www.thebarrow.org>). The Center encompasses 5,000 square feet of space and houses a research-dedicated whole body 3T Philips Ingenia MRI scanner with a 32 channel head coil. Additional training activities pertaining to the dissemination of evidence-based prevention programs within the community will be made available in collaboration with members of the ASU REACH institute (<http://reachinstitute.asu.edu/about>).

Qualifications: Qualified candidates must have a Ph.D. or expected to receive a Ph.D. in neuroscience or a theoretically relevant field of study (e.g., clinical psychology, criminology) by the start of the appointment. Applicants should have experience implementing fMRI research protocols, pre-processing and analyzing fMRI data, working with relevant scripting languages (e.g., MATLAB, Python), and publishing findings within reputable peer-reviewed journals.

Application Procedure: Application materials include:

- Current **curriculum vitae**
- **Letter** (limit 1 page) summarizing your relevant experiences and career goals
- Contact information for **three references**.
- **Writing sample** (published or unpublished) that best exemplifies your scholarly work.

Application materials should be sent to Dr. Dustin Pardini, School of Criminology and Criminal Justice, Arizona State University, at Dustin.Pardini@asu.edu. Initial review of applications will begin on October 12, 2015. If the position is not filled, review will continue every week thereafter until the search is closed. A background check is required prior to employment.

ASU: Arizona State University has developed a new model for the American Research University, creating an institution that is committed to excellence, access and impact. ASU measures itself by those it includes, not by those it excludes. ASU pursues research that contributes to the public good, and ASU assumes major responsibility for the economic, social and cultural vitality of the communities that surround it. Arizona State University is an equal opportunity/affirmative action employer committed to excellence through diversity. Women and minorities are encouraged to apply. For the complete ASU non-discrimination statement, please visit <https://www.asu.edu/titleIX>.