

## **Postdoctoral Research Associate – Center for Evolution and Medicine, Arizona State University**

The CompHEALTH lab at Arizona State University is seeking a postdoctoral researcher with an anticipated start date in spring of 2017. The full-time, benefits-eligible position is renewable on an annual basis (July 1 – June 30), contingent upon satisfactory performance, availability of resources, and the needs of the university. Applicants must be within five years of receipt of their Ph.D. to be considered for initial appointment and for subsequent annual renewal. In collaboration with PIs Professors Katie Hinde and Ben Trumble, the successful applicant will supervise lab operations conducting nutritional, immunological, and endocrine assays using a variety of techniques and instruments. The successful applicant will be able to propose, develop and execute a collaborative research project that will enhance the scholarly impact of data and samples from the Archive of Rhesus Macaque Milk Samples (ARMMS), the Tsimane Health and Life History Project (THLHP), and other ongoing research projects in human and non-human primate health. The postdoctoral research associate will be expected to publish the results of this research in scholarly venues and to assist in developing public presentations of the research outcomes. Additional duties will include organizing and implement research plans, primary sample assay and data analysis, preparation of manuscripts for publication in journals; supervising less senior research staff or interns; may attend conferences and seminars, and other duties as assigned.

The CompHEALTH lab is a high-throughput BSL-2 wet lab that specializes in comparing nutrition, physiology, immunology, and endocrinology across populations and species. Using an evolutionary framework, the lab utilizes breast milk, blood, saliva, urine and feces to better understand how human and non-human primate health is impacted by ecology, adaption, and life-history tradeoffs.

Minimum qualifications include a Ph.D. in anthropology or a related field by the time of appointment. Desired qualifications include knowledge of and experience in wet lab analytic techniques, statistical methods, and a demonstrated record of research and publication, and a strong record of collaborative research and outreach activities.

The Center for Evolution & Medicine is a university-wide Presidential Initiative with a mission is to improve human health by establishing evolutionary biology as an essential basic science for medicine, worldwide. It supports research that demonstrates the power of evolutionary biology to advance the understanding, prevention, and treatment of disease, as well as teaching and outreach initiatives. See <http://evmed.asu.edu> for details and information on Core Faculty. As an interdisciplinary unit, the CEM provides opportunities to collaborate with faculty from a wide-range of disciplines including anthropology, biology, complex systems, computational informatics, genetics, infectious disease, psychology, and virology.

In addition to a cover letter outlining qualifications, applicants must submit a brief proposal that describes a collaborative research project that will make a substantial contribution to scholarship and that has the potential be of significant impact to the field of evolutionary medicine. The proposal should identify the specific research objectives, contextualized in terms of one or more broader research questions. Where possible, this proposal should suggest a rationale for potential collaborations with others at ASU in the Center for Evolution and Medicine or the School of Human Evolution and Social Change.

To apply submit the following in a single pdf to [evmedsearch@asu.edu](mailto:evmedsearch@asu.edu) with the subject: CompHEALTH lab Postdoc application : (1) a cover letter outlining qualifications, (2) a 2-3 page statement outlining proposed research, as specified above, (3) a current curriculum vitae, and (4) contact information (including email addresses) for three references.

Initial deadline for complete applications is February 15, 2017; if not filled, review of complete application will occur every two weeks thereafter until the search is closed. A background check is required for employment.

General questions about this initiative should be directed to Dr. Katie Hinde (Katie.Hinde@asu.edu).

The fiscal year (12-month) salary for this position is \$48,000 along with competitive benefits through ASU including health insurance, paid vacation, sick leave, and holidays <https://provost.asu.edu/academic-personnel/postdoc>. The associate must be in residence in the greater-Phoenix metropolitan area during the appointment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. ASU's full non-discrimination statement (ACD 401) is located on the ASU website at: <https://www.asu.edu/aad/manuals/acd/acd401.html>  
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