Opportunities for ICANN Research Fellow

About ICANN

Founded in 1998 as a not-for-profit organization, the Internet Corporation for Assigned Names and Numbers (ICANN) coordinates the Domain Name System (DNS), Internet Protocol (IP) addresses space allocation, protocol identifier assignment, generic (gTLD) and country code (ccTLD) Top-Level Domain name system management, and root server system management functions. ICANN is devoted to the security and stability of the Internet.

About the ICANN Research Fellow Program

The ICANN Research Fellow Program is a pilot effort designed to engage security and technical researchers to work on emerging security and technology policy issues related to the DNS. As research staff, the research fellow will potentially support projects in the ICANN Security and Stability Advisory Committee (SSAC), and the ICANN Root Server System Advisory Committee (RSSAC), and other technical projects related to ICANN's policy development efforts.

About SSAC & RSSAC

The Security and Stability Advisory Committee (SSAC), comprised of select global independent technical experts, provides objective technical advice to the ICANN Board and community on issues related to the security and stability of the Internet and the Internet's names and number systems. For information about SSAC and its publications, please visit: http://www.icann.org/en/committees/security/

The Root Server System Advisory Committee (RSSAC) includes representatives of organizations responsible for operating the world's thirteen root name servers and other organizations concerned with stable technical operation of the authoritative root server system. It provides advice to the ICANN Board and community on the operational requirements and security aspects of the root name server system.

Key Responsibilities of the ICANN Research Fellow

As appropriate to the research/study topics identified, the ICANN Research Fellow will:

- Perform information gathering in support of RSSAC or SSAC study areas, including detailed information on sophisticated technical and policy questions -- in particular issues related to the Domain Name System (DNS).

- Perform proof of concept or preliminary research as requested by the RSSAC or SSAC, with approval from, and in coordination with, relevant ICANN Staff.

- Conduct research on other key research projects directly relevant to ICANN's

mission, as required and directed.

- Prepare informational documents and presentations for RSSAC, SSAC, and/or ICANN Senior Staff on complex technical and policy matters.

Qualifications

- Master, Ph.D students, or recent graduates in one of the following areas: computer security, computer science, information science, engineering and public policy.

- Working knowledge of or research with the Domain Name System (DNS).

- Proven ability to conduct empirical research related to computer security and DNS related areas.

- Proven ability to prepare detailed reports, presentations and speeches to internal and external audiences on technical issues related to DNS, including the ability to present complex concepts understandably to a diverse audience.

- Strong English writing skills

Compensation:

- Fellowship Date: 30 July 2015 – June 30, 2016, roughly 10 hours per week.
- Compensation competitive with similar technical research/internship programs.

How to Apply:

- Resume
- 2 writing samples either as sole author or first author
- 2 Letters of Recommendation
- Application deadline: 30 June 2015

    Please send application materials and/or inquiries to researchfellow@icann.org.