



# Assessing and Anticipating Researcher Needs Panel

Virtual Residency Introductory/Intermediate/Advanced Workshop 2021  
Tuesday, June 8 2021

# Panelists





# Dena Strong

Senior Information Design Specialist at University  
of Illinois at Urbana-Champaign



UNIVERSITY OF  
**ILLINOIS**  
URBANA - CHAMPAIGN



# Dr. Jacob Fosso Tande

**Research Computing Administrator,  
The University of North Carolina at Greensboro**



## Interest

- High Performance Computing,
- Research Computing Consulting,
- Cyberinfrastructure for scientific computing,
- Computational Structural Biology,
- Theoretical and Computational Chemistry



**UNC GREENSBORO**  
Information Technology  
Services



**Dr. Dhaval Solanki**  
Postdoctoral Research Scholar  
Wearable Biosensing Lab at URI

Research interest: Assistive and Rehabilitative Technologies



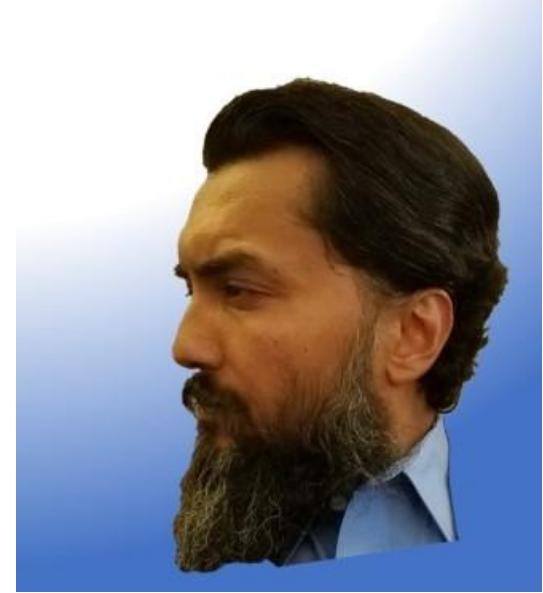


UNIVERSITY OF  
CHARLESTON

## Dr. Jim Samuel

Associate Professor & Director  
Analytics & Artificial Intelligence  
School of Business, Univ. of Charleston

Research centers around AI, big data, NLP  
& social media analytics





# David Apostal

**Advanced Cyberinfrastructure Research Education  
Facilitator at University of North Dakota**

**Instructor in the School of Electrical Engineering  
and Computer Science**

# Host





## Joshua Gyllinsky

PhD Student  
Wearable Biosensing Lab at URI

Research interest: Architecture, AI, Biomedical Engineering



**Wearable  
Biosensing  
Lab**



# Questions

**What does it mean to  
you, to assess or  
anticipate a researcher's  
needs, and why might it  
be important?**

**How do you approach  
the first informational  
interview with a new  
research team?**

**What do you do when  
the project team spans  
not just multiple  
institutions but also  
multiple continents  
(and languages)?**

**What are best options  
for limited / non-CS  
(such as marketing  
discipline) researchers  
to engage HPC?**

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for limited / non-CS  
(such as marketing  
discipline) researchers  
to engage HPC?**

**What no-code or  
low-code tools do you  
have in your toolkit for  
non-CS researchers?**



**How can  
multidisciplinary teams  
collaborate on big data  
/ high computational  
needs projects?**

**If you have follow-up  
informational interviews  
how do you remind the  
team / meeting attendees  
about previous decisions  
/ meeting notes?**

**What patterns in needs  
to you see?**

**Do you have templates  
or ready common  
use-cases (why or why  
not)?**

# Audience Questions

**Thank  
you.**

**Panelists:**

**Dena Strong**

**Dr. Jacob Fosso Tande**

**Dr. Dhaval Solanki**

**Dr. Jim Samuel**

**David Apostal**

