



# SMART CAMPUSES

LEADING THE CAMPUS OF THE NEXT CENTURY

2019 OAPPA Annual Conference – May 28 to May 31

## Campus Intelligence – Data Opportunities Driven by Technology

### Presentation Theme

A campus is like a small city state made up of “citizens” with a clearly defined community boundary and a shared system of governance. Most modern campuses have evolved over time just like cities and nations, which means that they also suffer from aging infrastructure, outmoded spaces and shifting socio-cultural movements. It is within this framework that data and technology provide a backbone for new spatial experiences and “smart” campus planning possibilities. This presentation will explore the unique potential and advantages of the campus as an arena for “smart” spaces by examining current trends in technology design and identifying opportunities and challenges for data as the driver of the future campus.

### Learning Outcomes/Take Aways:

- The emergence of “smart” human systems as a trend in technology and data-driven spatial environment design and how the campus is uniquely suited for this shift
- Why big data is so critical to the future development of spatial interfaces and what are specific data generators on campus
- Challenges associated with the adoption and implementation of big data solutions and why the cost is worth the return.
- Where to begin the journey and align with the trajectory of future technology developments.

### Presenters:

Satya Basu, B.A, M.Arch.

Satya is a designer, strategist and technologist who utilizes his diverse background to respond to design challenges with inventive problem-solving. He holds a Bachelor’s Degree in Philosophy and Social Thought from the University of Chicago and an M.Arch from the School of the Art Institute of Chicago. Satya has worked on the design of everything from furniture to urban-scale interventions. His focus at Perkins+Will is the research and development of next-generation tools and technologies.