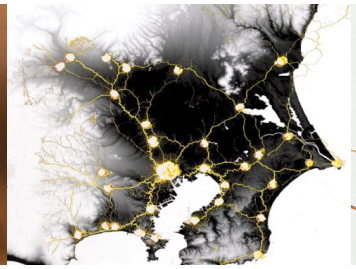
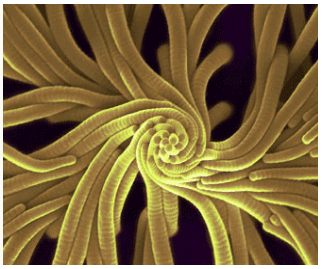




BIOMIMICRY IN ENERGY STORAGE & SOLAR TECHNOLOGY WORKSHOP

NYSERDA's Biomimicry Technical Assistance Team, in collaboration with The College of Nanoscale Science and Engineering, now invites you to a workshop focused on the industry applications of both naturally-inspired energy storage and solar research.

This workshop will bring companies and researchers together to form R&D collaborations aimed at innovating nature-inspired technologies. We will continue to support teams that move forward with ideas developed through this workshop. Support may include identification of additional partners, or help positioning proposals for specific NYSERDA R&D funding streams, as well as other public or private sources.

Biomimicry in Energy Storage and Solar Technology
10 AM - 4 PM, Friday, March 29th
NanoFab South Auditorium and Rotunda
The College of Nanoscale Science and Engineering
University at Albany
255 Fuller Road
Albany, New York 12203

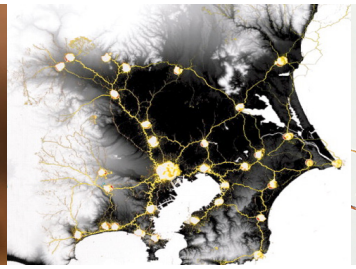
For more information on this workshop,

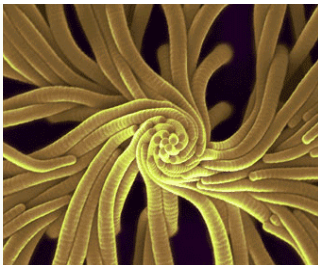
Nick Querques
College of Nanoscale Science and Engineering
nquerques@albany.edu
518-956-7374

OR

Namita Kallianpurkar
Terrapin Bright Green
namita@terrapinbg.com
646-460-8400 x 231

College of Nanoscale Science & Engineering
University at Albany State University of New York





BIOMIMICRY IN ENERGY STORAGE & SOLAR TECHNOLOGY

WORKSHOP AGENDA

10:00-10:30	Welcome and Introductions
	Participants can gather coffee and snacks and eat over introductions and opening remarks
10:30-10:45	What is Biomimicry?
10:45-11:15	The Process of Biomimetic Design
11:15-11:45	Research presentations in nature-inspired energy storage or solar technology
11:45-12:00	BREAK
12:00-12:30	Group exercise around a biomimicry challenge
12:30-1:15	LUNCH
1:15-2:15	Individual company breakout session
	In this breakout session we will review the unique challenges of each company and present and discuss the pre-workshop research as it relates to each company's challenges.
2:15-2:30	BREAK
2:30-3:30	Individual company breakout session
	Building upon the earlier breakout session, we will continue to explore these challenges that utilize inspiration from examples in nature and current research. At the conclusion of the discussion, each company will have a variety of opportunities to address their challenges utilizing biomimicry. We will then discuss individual next steps.
3:30-4:00	Summary/Next steps

College of Nanoscale Science & Engineering
University at Albany State University of New York