



## 2018 ECOLOGICAL MIND: *ROCK, PAPER, PLANKTONS, SCISSORS, PLASTIC*

### Week 1

#### SUN 07.29.18 WELCOME TO UCLA

4:00 – 6:00    University Village    Arrival and Check-In

#### 1: MON 07.30.18 INTRO TO BIOLOGICAL MINDS | ROCK

9:00 – 12:00	CNSI Auditorium	Introduction to Sci Art NanoLab -- Intro to Program Intro to Art & Science and Bateson's Ecological Mind	VV & All Instructors Victoria Vesna
12:00 – 1:00	Ackerman	Group Lunch	Instructors + Students
1:00 – 4:00	CNSI Lobby + Campus Meteorite gallery / Internet room	ECO SENSING and collecting	Mick Lorusso, Fabricio Lamoncha, Sarah Popelka
4:00 - 5:30	CNSI Lobby	Indigo dyeing	Clarissa Ribeiro, Maru Garcia
5:30 – 7:00	CNSI Roof 64 South Patio	Welcome Dinner Party (Music!)	All



## 2: TUES 07.31.18 UNDERSTANDING NANO | PAPER

Note: Students and instructors come with closed shoes and long pants

9:00 – 9:15	CNSI Auditorium	“Look Around You”, feedback, review and -prep for day	Mick Lorusso
9:15 - 9:45	CNSI Auditorium	Lecture	Richard Kaner
9:45 – 12:00	CNSI Lobby	Workshop DIY Microscopy	All instructors
12:00 - 12:30	CNSI Lobby	Lab Safety Practices	James Gimzewski
12:30 – 1:30	Campus	Lunch	
1:30 – 2:30	CNSI Auditorium	Lecture Tools of Visualization in Nano and Biotechnology	Adam Stieg
2:30 – 4:30	CNSI - A Level	Rotating Lab Visits CNSI Core Technology Centers <ul style="list-style-type: none"> <li>· Optical Microscopy - ALMS Core Lab</li> <li>· Electron Microscopy - EICN Core Lab</li> <li>· Scanning Probe Microscopy - NPC Core Lab</li> <li>· Nanofabrication - ISNC Clean Room</li> </ul>	
4:30 – 5:30	CNSI Lobby	Cyanotype paper coating	Eli Jotava, Maru Garcia, Sam Lilak
5:30- 6:00	CNSI meeting room	Daily team meeting	All
5:30 – 6:50	University Village	Dinner	
6:50 pm	Sproul Cove Entrance Door	Meet students to walk to CNSI	Sarah Popelka
7:00 – 9:30	CNSI Auditorium	Sci-Fi Film Series	



### 3: 08.01.18 ECOLOGICAL MINDS | PLASTIC

9:00 – 9:15	CNSI Auditorium	“Look Around You”, Video, feedback, review and -prep for day (Clarissa) Kaitlin introduction
9:15-10:30	CNSI	Optical Lithography & Contact Printing as Art: Sam, Maru, Eli
10:30 – 12:30	CNSI	Cyanotypes Workshop:Eli, Maru, Sam & Fabricio
12:30 – 1:30	Campus	Lunch
1:30 – 2:30	CNSI	Lecture: Gimzewski “Plastic” (Chris)
3:00 -- 5:30	CNSI Lobby	Mapping microbiome + slime mold: Clarissa & Mick
5:30- 6:00	CNSI meeting room	Daily team meeting
5:30 – 7:00	University Village	Dinner
7:00 – 9:30	University Village	Group Activity (related to above)



#### 4. THU 08.02.18 ECOLOGICAL NETWORKS | PLANKTONS

9:00 – 9:15	CNSI Lobby	“Look Around You”, Video, feedback, review and -prep for day (Sam)
9:15 – 12:30	CNSI Lobby	Lecture/Workshop Mycoremediation - Kaitlin
12:30 – 1:30	Campus	Lunch
1:30 – 2:00	CNSI Auditorium	Guest Lecture: Xoan Xil
2:00 - 3:00	CNSI Auditorium	Guest lecture: Rebecca Shipe
3:00 -- 4:15	CNSI Auditorium	Lecture/ Demo - Noise Aquarium VV, Sam, Karina
4:15 -- 5:00	CNSI Lobby	
5:00- 5:30	CNSI Auditorium	Intro to Final Project- Mick
5:30- 6:00	CNSI meeting room	Daily team meeting
5:30 – 7:00	University Village	Dinner
7:00 – 9:30	CNSI Auditorium	Sci-Fi Film Series (+ Planet Earth excerpt)



## 5. FRI 08.03.18 DESIGN THINKING: NANO STRUCTURES | ORIGAMI

9:00 – 9:15	Auditorium	“Look Around You”, Video, feedback, review and -prep for day (Kaitlin)
9:15 – 10:30	Auditorium	Lecture: Charles Chase
10:30 – 12:00	Botanical Garden	Tour - Maru
12:00- 12:30	CNSI Lobby	Angaea Cuna demo
12:30 – 1:30	Campus	Lunch
1:30 – 5:30	Presentation Room	Gimzewski lecture: Nano Bubbles BRAINSTORMING: pulling it all together -- Midterm discussion
5:30- 6:00	CNSI meeting room	Daily team meeting
7:00 - 10:00	Hammer (optional)	



## 6. SAT 08.04.18 FIELD TRIP

9:30 - Walk to Bus location

10:00 – 10:30 UCLA-CSC Bus to California Science Center

11:15 – 12:00 CSC Endeavour

12:30 – 1:45 IMax Movie Journey to Space 3D

1:45 – 3:15 CSC Explore CSC and Lunch

3:15 – 4:30 CSC-Venice Beach Bus from California Science Center to Venice Beach

4:30 – 7:00	Venice Beach	Plankton sampling- Rebecca Shipe Venice pier -- (scavenger hunt - plastic)
7:00 – 8:00	Venice Beach-UCLA	Bus to UCLA

## 7. SUN 08.05.18

Whole Day	University Village	Group Activity (scavenger hunt -- plastic) Sarah P
-----------	--------------------	--

Explore MeVis



## Week 2

### 8. MON 08.06.18 BIODIVERSITY

9:00 – 9:30	Auditorium	“Look Around You”, Video, feedback, review and -prep for day
9:30 – 12:30	CNSI Auditorium	Midterm Presentations
12:30 – 1:30	Campus	Lunch
1:30 – 4:00	CNSI	Lecture/Workshop - BIRD SONG DIAMOND w Karina and Sarah B
4:00 -- 5:30	CNSI	Stop motion workshop / demo Judy Kim
5:30 – 7:00	University Village	Dinner
7:00 – 9:30	CNSI Auditorium	Sci-Fi Film Series : Gattaca



## 9. TUES 08.07.18 | INSPIRATION

9:00 – 9:15	CNSI Auditorium	“Look Around You”, Video, feedback, review and -prep for day
9:15 – 12:30	CNSI Auditorium	Lecture/Workshop -- BioMimicry -- Ana MacArthur
12:30 – 1:30	Campus	Lunch
1:30 – 2:30	CNSI Auditorium	Introduction & Lecture: Claudia Jacques
2:30 – 5:30	CNSI Auditorium	Project Critique & Studio
5:30 – 7:00	University Village	Dinner
7:00 – 9:30	CNSI Auditorium	Sci-Fi Film Series





## 10. WED 08.08.18 | CONSERVATION

9:00	Bus Pick-up Area	Meet to take the bus to the Getty Museum
9:00 – 9:30	Bus trip to Getty Museum	
9:30 – 3:00	Getty Museum	Lab tours, Museum visit, Lunch
3:00 – 3:30	Bus trip to CNSI	
3:30 – 5:30	CNSI Auditorium	Project Critique & Studio
7:00 – 9:30	CNSI Lobby	Studio - Sarah P



## 11. THUR 08.09.18 PERSPIRATION

9:00 – 9:15	Auditorium	“Look Around You”, Video, feedback, review and -prep for day
9:15 – 12:30	CNSI	Project Critique & Studio
12:30 – 1:30	Campus	Lunch
1:30 – 2:30	CNSI	Guest Lecture - Rita Blaik
2:30 – 5:30	Lobby	Studio
5:30 – 7:00	University Village	Dinner
7:00 – 9:30	CNSI Lobby	Studio - Instructors



**FRI 08.10.18 CLOSING PROGRAM**

9:00 – 10:00	Lobby	Morning reception + Final preparations & testing
10:00 – 11:00	CNSI Auditorium	Welcome & Program Review - directors + instructors + Jeff Miller director CNSI
11:00 – 1:00	CNSI Auditorium	Final Presentations
1:00 – 2:00	Lobby	Reception and Certificates