

## **NSE Communication Lab**

Communication support for scientists, by scientists

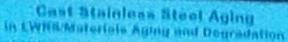
NSE

Nuclear Science and Engineering

COMMUNICATION LAB

Marina Dang

Lab Manager



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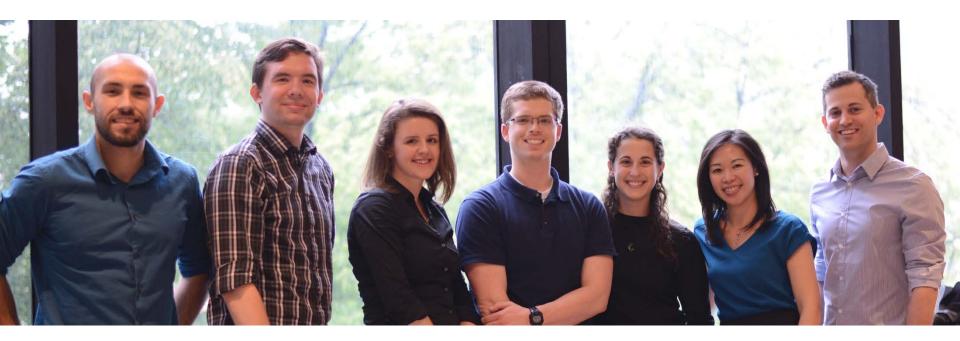
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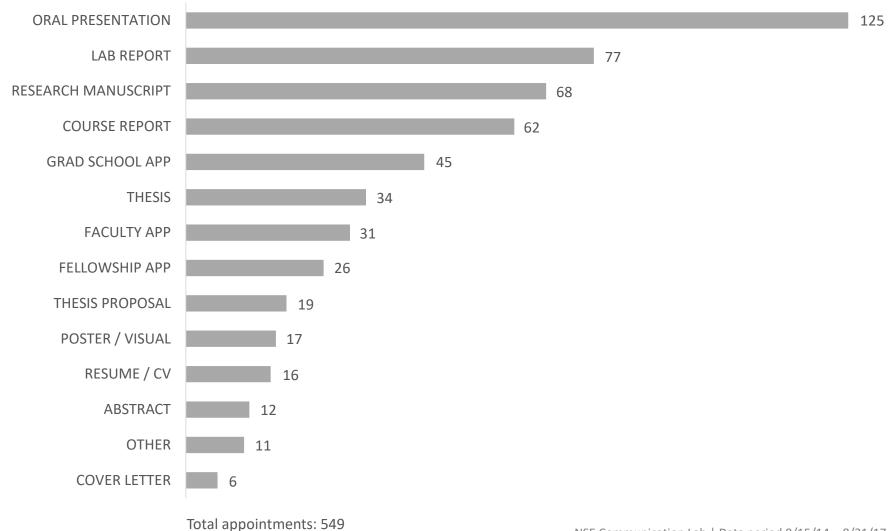
### Activity: Explore the possibilities



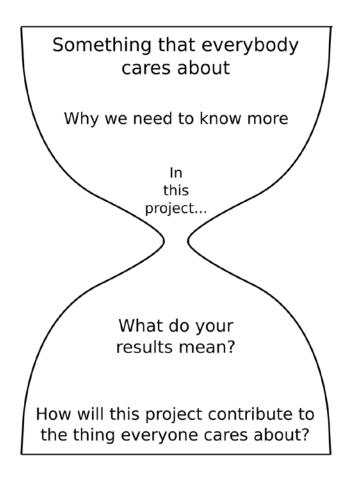
### The NSE Communication Lab team



### We've hosted nearly 550 coaching sessions.



# An effective abstract is an hour-glass shaped message.



#### An effective abstract

Effective communication in engineering fields has been recognized as a crucial tool for success. In fact, NSE alumni who responded to an MIT survey reported that communication skills were more important in their careers than technical and analytical skills. However, the survey also revealed that while MIT had prepared its students well to solve complex problems, their training in communication had been insufficient. Here we describe the impact of a communication resource "for scientists by scientists" launched by NSE to fill this educational gap. As a peer coaching program, the Communication Lab is designed to help students and post-docs with their writing, speaking, and visual design needs, including oral presentations, coursework, and theses. Over the last three years, NSE graduate students trained as Communication Fellows hosted 249 coaching appointments to 179 individual students and postdocs. According to a 2017 survey, 79% of Lab users felt that the NSE Communication Lab had helped them acquire the communication skills they need to be successful at MIT. The Communication Lab model highlights the importance of a coach's familiarity with the technical content, and offers a new alternative to traditional communication resources where the coach is primarily a trained writing professional.

General background

Specific background

Statement of problem or knowledge gap

"Here we show / report ..."
(a 1-sentence summary)

Detailed summary of high-level results

**Implications** 

#### An effective abstract

Effective communication in engineering fields has been recognized as a crucial tool for success. In fact, NSE alumni who responded to an MIT survey reported that communication skills were more important in their careers than technical and analytical skills. However, the survey also revealed that while MIT had prepared its students well to solve complex problems, their training in communication had been insufficient. Here we describe the impact of a communication resource "for scientists by scientists" launched by NSE to fill this educational gap. As a peer coaching program, the Communication Lab is designed to help students and post-docs with their writing, speaking, and visual design needs, including oral presentations, coursework, and theses. Over the last three years, NSE graduate students trained as Communication Fellows hosted 249 coaching appointments to 179 individual students and postdocs. According to a 2017 survey, 79% of Lab users felt that the NSE Communication Lab had helped them acquire the communication skills they need to be successful at MIT. The Communication Lab model highlights the importance of a coach's familiarity with the technical content, and offers a new alternative to traditional communication resources where the coach is primarily a trained writing professional.

#### Access our resources online and in person.



#### CommKit online

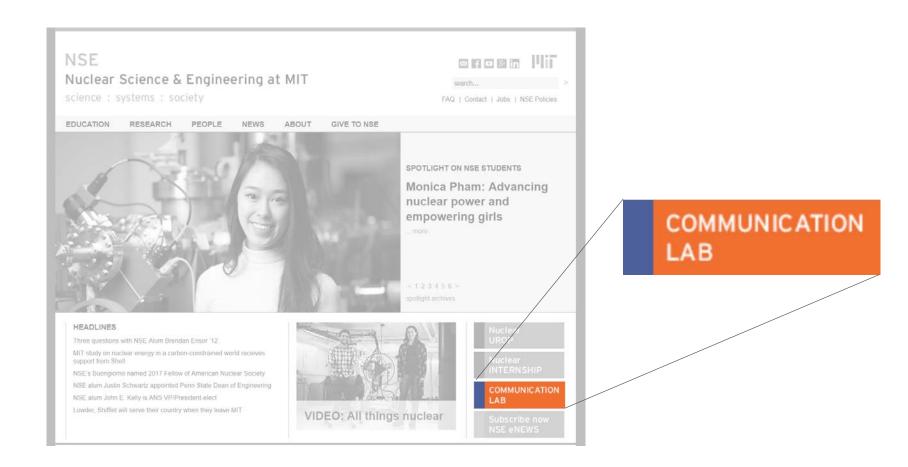
- Was developed by Communication Fellows
- Contains NSE examples
- Offers anytime access



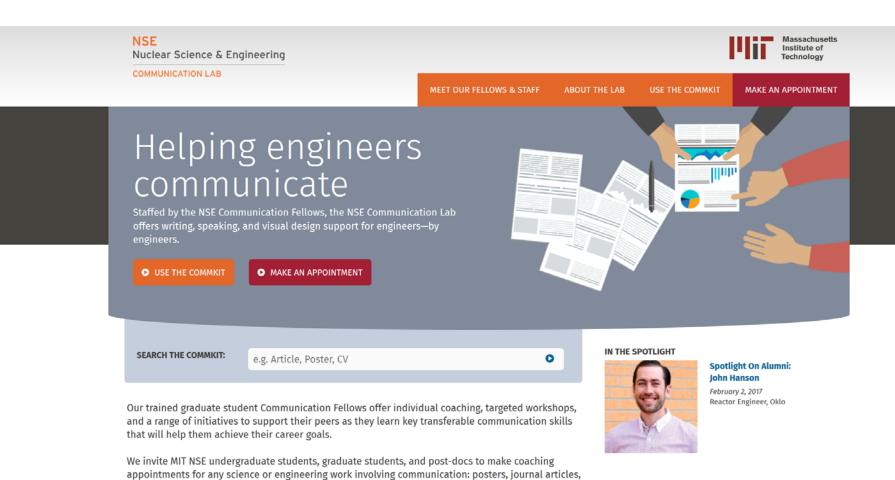
#### Coaching session

- Provides one-on-one communication support
- Offers peer feedback
- Provides emotional support and access to additional resources

## Learn more about the NSE Communication Lab.



## Learn more about the NSE Communication Lab.



resumes, fellowship applications, and more. Use us anywhere from brainstorming to final edits—the

## We have two meeting locations.





24-216 NW16-130

#### Meet the NSE Communication Fellows.



Leigh Ann Kesler



Cody Dennett Materials



Mike Acton



Ben Magolan Fission



Alicia Elliott Materials



Patrick White Security



