



Engaging the Public Through Featuring Diverse and International Scientists on a Science Outreach Website

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Site Intro

It has become apparent in recent years that scientists need to find new ways to communicate and connect with the public to increase science literacy and trust of scientific results. To address these issues, the Time Scavengers website (timescavengers.blog) was created. This website is maintained and continuously added to by a team of collaborators including graduate students, post docs, museum staff, professors, avocational scientists, educators, and an editor. The website also includes static pages on the scientific method, geology, and climate science methods, as well as a number of resources for educators and others interested in science. The collaborators contribute regular blog posts on a variety of topics related to being a scientist, including the work we do in the field, learning new methods, and various aspects of our academic and career paths.

One of our more popular blogs is called ‘Meet the Scientist’, which showcases diverse scientists in many different fields, from graduate students to experienced professional scientists, both U.S.-based and international. The website has reached almost 63,000 unique visitors in the two years since it was created, reaching folks speaking 155 languages in 196 countries.



Jen Bauer and Adriane Lam Rose Borden Sarah Sheffield Cam Muskelly Megan Thompson-Munson Maggie Limbeck



Mike Hils Kyle Hartshorn Andy Fraass Susanna Fraass Dipa Desai

Meet The Scientist

Meet The Scientist posts are written by guest bloggers about themselves. There is a template with 4 broad guiding questions, but how to write the post is up to each scientist. Some do it in a Q&A format and some just use the questions as prompts or guidelines for what to include and write in more of a narrative style. The goal with these posts is to showcase the diversity of science and scientists in as many ways possible. Our message is that anyone can be a scientist and there are many paths to science and ways to do science even without being in academia.

Name and field of study Jeanette Pirlo, Paleontologist and Marine Biologist

February 26, 2019 jnebauer



Jeanette in the collections at the Florida Museum!

I am currently a Ph.D. student studying paleontology at the Florida Museum. My main interest are fossil sharks and how their distributional range (where they live) has changed over time. I have been lucky enough to travel to different places to look for fossils, including Florida, Panama, the Nebraska Badlands, and California. My two favorite finds, so far, have been a Megalodon tooth in California, and a carnivore humerus while in the Badlands. Along with the field work, I also develop and put on workshops for K-12 educators to teach them about paleontology and how to bring it back into their classrooms. I love hosting these workshops because I get to share my enthusiasm for paleontology and give teachers fossils to take back to their classrooms.

Links to relevant external sites

I do not have data in the same sense as most scientists because I have just begun planning out my research projects for my dissertation. But I have been working on various projects that allow me to try new data-finding tools, including 3D technology like desktop 3D scanners and microCT scanners. This technology has allowed us to scan fossils and do morphometric analysis on the specimens. I'm excited to see where these skills will take me with my research! Through the workshops I've designed, I have been able to create fossil kits for teachers and help them teach climate change, evolution, and geologic time, among other topics, using fossils as evidence for change. I've learned how to create programs that are impactful for participants by providing them content that they can bring back to their classrooms. I'm looking forward to continuing this aspect of my work. I enjoy having a direct large impact on communities. As for my research, I am interested in figuring out how shark population distributions will change as ocean temperatures change by looking at fossil shark distributions over deep time.



Jeanette in the Nebraska Badlands!

Hyperlinks to relevant pages on TS site

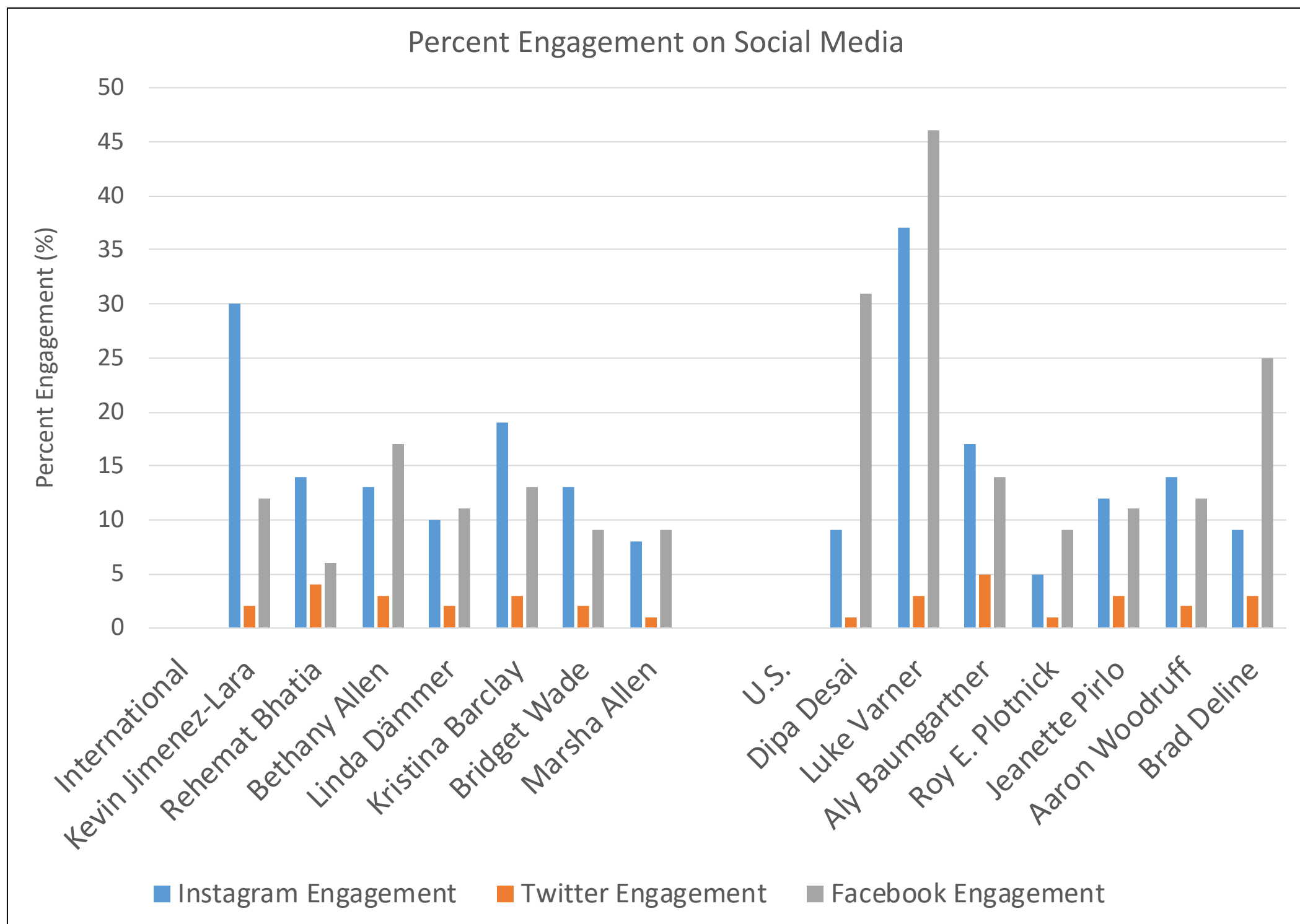
Data

Meet the Scientist	# Countries Reached	Top Country	Second Country	Top Region w/in U.S.	# Languages	Release date	Location/Country of Origin
International							
Kevin Jiménez-Lara	36	U.S.	Colombia	California	22	1/28/2019	Colombia
Rehemat Bhatia	32	U.S.	United Kingdom	California	20	2/11/2019	United Kingdom
Bethany Allen	38	U.S.	United Kingdom	Virginia	24	3/11/2019	United Kingdom
Ranjeev Epa	22	U.S.	India	Massachusetts	10	3/26/2019	India
Linda Dämmer	25	U.S.	India	California	13	8/7/2019	Netherlands
Kristina Barclay	38	U.S.	Australia	California	19	8/21/2019	Canada
Bridget Wade	34	U.S.	India	California	21	9/4/2019	United Kingdom
Marsha Allen	30	U.S.	Australia	California	17	9/11/2019	Tobago
U.S.							
Dipa Desai	31	U.S.	Canada	California	20	1/14/2019	
Luke Varner	33	U.S.	India	South Dakota	18	2/25/2019	
Aly Baumgartner	28	U.S.	United Kingdom	California	19	4/8/2019	
Heather Ford	22	U.S.	United Kingdom	California	11	4/9/2019	
Roy E. Plotnick	31	U.S.	India	Virginia	21	9/3/2019	
Jeanette Pirlo	36	U.S.	Canada	Florida	24	9/25/2019	
Aaron Woodruff	39	U.S.	Philippines	California	20	10/1/2019	
Brad Deline	33	U.S.	India	Illinois	21	10/15/2019	

Date	Post	Reach	Engagements	Percent Engagement
International				
1/28/2019	Kevin Jimenez-Lara	204	61	30%
2/11/2019	Rehemat Bhatia	260	36	14%
3/11/2019	Bethany Allen	597	79	13%
8/7/2019	Linda Dämmer	371	38	10%
8/21/2019	Kristina Barclay	334	65	19%
9/4/2019	Bridget Wade	316	42	13%
9/11/2019	Marsha Allen	390	33	8%
U.S.				
1/14/2019	Dipa Desai	918	86	9%
2/25/2019	Luke Varner	169	63	37%
4/8/2019	Aly Baumgartner	202	35	17%
9/3/2019	Roy E. Plotnick	917	49	5%
9/25/2019	Jeanette Pirlo	516	62	12%
10/1/2019	Aaron Woodruff	224	31	14%
10/15/2019	Brad Deline	527	48	9%

Date	Post	Impressions	Engagements	Percent Engagement
International				
1/28/2019	Kevin Jimenez-Lara	1133	25	2%
2/11/2019	Rehemat Bhatia	1863	74	4%
3/11/2019	Bethany Allen	4544	136	3%
8/7/2019	Linda Dämmer	822	20	2%
8/21/2019	Kristina Barclay	2982	85	3%
9/4/2019	Bridget Wade	875	16	2%
9/11/2019	Marsha Allen	1907	17	1%
U.S.				
1/14/2019	Dipa Desai	1115	14	1%
2/25/2019	Luke Varner	778	20	3%
4/8/2019	Aly Baumgartner	1625	81	5%
9/3/2019	Roy E. Plotnick	1221	17	1%
9/25/2019	Jeanette Pirlo	1339	42	3%
10/1/2019	Aaron Woodruff	1154	20	2%
10/15/2019	Brad Deline	1013	30	3%

Date	Post	Reach	Engagements	Percent Engagement
International				
1/28/2019	Kevin Jimenez-Lara	539	66	12%
2/11/2019	Rehemat Bhatia	3019	183	6%
3/11/2019	Bethany Allen	483	81	17%
8/7/2019	Linda Dämmer	459	49	11%
8/21/2019	Kristina Barclay	617	82	13%
9/4/2019	Bridget Wade	980	88	9%
9/11/2019	Marsha Allen	243	23	9%
U.S.				
1/14/2019	Dipa Desai	1412	438	31%
2/25/2019	Luke Varner	1191	542	46%
4/8/2019	Aly Baumgartner	296	40	14%
9/3/2019	Roy E. Plotnick	470	43	9%
9/25/2019	Jeanette Pirlo	887	94	11%
10/1/2019	Aaron Woodruff	476	57	12%
10/15/2019	Brad Deline	781	197	25%



Implications and Future Work

Something about what this means and what we’re going to do in the future to continue to broaden our reach...

How to get involved...
Donate to Patreon
Write guest blogs
Share with friends
Suggestions?