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Publications/Conferences and Showcases related to the Leadership and iSTEAM for Females in Elementary Schools (LiFE) project

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Abstract.- During the period 2019- 2021 the Leadership and iSTEAM for Females in Elementary Schools (LiFE), generated a set of documents, presentations general references, press releases, and media coverage.

General references

James Lipuma. (2017, March 13). *Creating Strong Broader Impacts for NSF Proposals: Role of Evaluation & Broader Participation*. Panel discussion at NJIT featuring Bernice Anderson, Melvin Hall and Jennifer Slimowitz Pearl https://www.youtube.com/watch?v=7rUa9WiBIlA&feature=youtu.be

Bukiet, B., Lipuma, J. & Steffen-Fluhr, N. (2018, Jan. 10-12). *Leadership and iSTEAM for Females in Elementary Schools (LiFE): An Integrated Approach to Increase the Number of Women Pursuing Careers in STEM*, poster presentation at INCLUDES Annual Meeting 2018, Alexandria, Va.

Bukiet, B., Lipuma, J. & Steffen-Fluhr, N. (2019, May 29-30). *Leadership and iSTEAM for Females in Elementary Schools (LiFE): An Integrated Approach to Increase the Number of Women Pursuing Careers in STEM*, poster presentation at NSF INCLUDES National Network Convening 2019, Alexandria, Va.

Bukiet, B., & Lipuma, J. (2019). *Building 21st Century Skills among Elementary Schools Students – The LiFE Project*. In S. Carliner (Ed.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 1031-1038). New Orleans, Louisiana, United States: Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/211184/.

Lipuma, J., & León, C. (2019). LiFE: Collaboration Potentials and Partnerships. *Bringing ERCs into the INCLUDES National Network*, 37. Seattle, Wa., https://www.washington.edu/doit/sites/default/files/atoms/files/ERC-INCLUDES_CBI_Accessible_PDF.pdf

Bukiet, B., & Lipuma, J. (2021, July 30). *STEM in Your Home at the NSF INCLUDES National Network* [Video]. NSF INCLUDES Virtual Convening 2021: Multimedia Showcase, online. https://www.includesnetwork.org/viewdocument/stem-in-your-home

same as: NSF. (2021, May 11). *2021 STEM For All Video Showcase*. 2021 STEM For All Video Showcase. https://stemforall2021.videohall.com/

Lipuma, J., & León, C. (2021, July 15). Collaborative co-design for community change. *Collaborative Change Models*. 2021 NSF INCLUDES National Network Virtual Convening: Mobilizing to Transform Systems, USA. https://www.includesnetwork.org/viewdocument/collaborative-change-initiatives-c?CommunityKey=c80fae58-3392-4f6f-a2e7-3e42a729c456&tab=librarydocuments

Bukiet, B, Lipuma, J. & Steffen-Fluhr, N., (2021, 11/18) Project Outcomes Report for LiFE: https://www.nsf.gov/awardsearch/showAward?AWD_ID=1744490&HistoricalAwards=false

Lipuma, J., Bukiet, B. & Leon, C., () Cultivating Interest in STEM among Elementary School Females: An exploratory study for NSF INCLUDES, In preparation.

Press releases and media coverage

September 2017 NSF press release: 27 new NSF INCLUDES awards aim to enhance U.S. science and engineering enterprise

- https://www.nsf.gov/news/news_summ.jsp?cntn_id=243055&WT.mc_id=USNSF_51&WT.mc_ev=click

NSF Announcement of the Award:
- Bukiet, B., Lipuma, J. M., & Steffen-Fluhr, N. (2017, September 8). *NSF Award Search: Award#1744490—NSF INCLUDES DDLP: Leadership and iSTEAM for Females in Elementary school (LiFE): An Integrated Approach to Increase the Number of Women Pursuing Careers in STEM*. https://www.nsf.gov/awardsearch/showAward?AWD_ID=1744490

September 2017: NJIT press release: Learning Strategies to Encourage Girls to Embrace STEM

- https://news.njit.edu/learning-strategies-encourage-girls-embrace-stem

Fall 2017: Inside Hillside article: Hillside program to serve as model: Girls Rock Science will be foundation of NJIT program to encourage girls in STEAM

- http://www.district.hillsidek12.org/userfiles/380/my%20files/inside%20hillside%20fall%202017.pdf?id=4560

Pi day 2018 NJIT 1 UP video

- https://www.youtube.com/watch?v=8Ohf73VsLLE March 19, 2019

2018 April FRS-NJ newsletter article about Pi Day

- https://drive.google.com/file/d/1we-MK61W6_gDXXQ7PSrDPwznj0Va7Svr/view?usp=sharing

LiFE project discussed in: National Science Foundation. (2018). *NSF INCLUDES Report to the Nation I* (Report No. 1; NSF INCLUDES). National Science Foundation.

- https://www.nsf.gov/news/special_reports/nsfincludes/pdfs/INCLUDES_report_to_the_Nation.pdf

US Army and SBA's Joseph Wittmer gave a STEAM Tank presentation at Weehawken 12-12-2018. Here is a link to a video of one group's presentation

- https://www.icloud.com/attachment/?u=https%3A%2F%2Fcvws.icloud-content.com%2FB%2FAenM2TdBhcT8kvV95ZecseplIOeuAZ5Uc2Nd-O4W0Sok6yqjl-32a7LD%2F%24%7Bf%7D%3Fo%3DAs5OBTUAa3eGA8DM-9z7A9eU0Dz5vXe8o2UPqTT4sh72%26v%3D1%26x%3D3%26a%3DB8sdORQLySIN_0qVr3c2TvHvyDJQAxx3SAEACAHIAP9-SPxqA1zORw%26e%3D1547249002%26k%3D%24%7Buk%7D%26fl%3D%26r%3DE51A3281-3FBB-46BD-9933-6167E6E68972-1%26ckc%3Dcom.apple.largeattachment%26ckz%3D02AE9CB2-E413-4F30-999E-DA1F205F17E7%26p%3D25%26s%3D5T_mYPTOo2f0lv5a7_xsfnW7-3s&uk=-U2DTlGF_6RILaJtzUSayQ&f=IMG_2222.MOV&sz=105154168

2/15/2019 Press release about the Classcraft event:

- https://news.njit.edu/njit-workshop-introduces-new-jersey-teachers-world-fantasy-rpg-education

National Pi Day 2019: NJIT Welcomes New Jersey's Elementary School Girls to STEM LiFE
Tuesday, March 19, 2019 CSLA February Alumni Newsletter (2019)
- https://csla.njit.edu/news?page=20

Pi Day 2019 stories:

- From NJIT: https://news.njit.edu/national-pi-day-2019-njit-welcomes-new-jerseys-elementary-school-girls-stem-life 3/21/2019
- Pi Day 2019 report on News 12
  https://drive.google.com/file/d/1wUvl28TO40TjXoGFxZtst7nrxLEs4p3D/view?usp=sharing

NJIT Pi Day in March 2019 FRS-NJ Newsletter had a story but is not online

LiFE / STEM for Success Featured in NJSPN STEM Month 2020 Showcase p. 22

- https://online.flippingbook.com/view/750069/22/

INCLUDES Network blogpost 2/2021

- https://www.includesnetwork.org/blogs/nsf-includes-coordination-hub1/2021/02/04/looking-back-at-2020-as-a-year-of-challenge-and-in

LiFE / STEM for Success Featured in NJSPN STEM Month 2021 Showcase p. 14 (DCS) and p. 27

- https://njstempathways.org/stemmonthrecap-2021/

11/10/2021 update of INCLUDES network blogpost

- https://www.includesnetwork.org/blogs/nsf-includes-coordination-hub1/2019/10/10/network-spotlight-leadership-and-isteam-for-female