Telling Our Story to Diverse Audiences:
Collaborations for STEM Education Research Publications, March 9

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COLLABORATION SUPPORTS PUBLICATION

HOW?
› Research capacity building
› Robust research designs
› Intellectual diversity
  – Community colleges
  – TCU, PWIs, and MSIs
› Telling the “HBCU Story”
  – Broader impacts/social transformation
Telling “Our Story” in Collaborations

Requires:

› **HBCU/TCU/MSI leadership** in research partnerships
  – Too often, PWIs include HBCU/TCU/MSIs as sites within a sample rather than as partners in proposed research

› Centering and extending our story
  – Our story of STEM success is the preferred one that most PWIs should aspire to
  – HBCUs and TCUs can widen their lens to include what is happening on PWI campuses for students of color
Collaboration with Professional Associations

› **EXP 1**: Data collection about experiences of Native American Faculty at the annual meetings of the Native American faculty at American Indigenous Research Association and Native American and Indigenous Studies Association

› **EXP 2**: Mentorship model for college students through partnership with NSBE, Women in Science & Engineering (WISE), and NIHBSA

  – Collaborative work is reviewed favorably and often strongly encouraged
  – Collaborations often present research design advantages
  – Helps with making research results public once its finished
PUBLICATION ACTIVITIES FOR BROADER IMPACTS

› Academic Publications
  – High impact
  – Niche/specialty outlets
  – Special editions

› Scholar Profiles
  – (Research Gate, Google Scholar)

› Dissemination Programs/Apps
  – Kudos: https://www.growkudos.com/
Frontiers in Education
American Educational Research Journal
Journal of the Learning Sciences
Journal of STEM Education
Journal of Negro Education,
Journal of Engineering Education
Journal of Women and Minorities in Science and Engineering
Journal of Research in STEM Education
Engineering Studies
African Diaspora Journal in Mathematics
Journal of African American Males in Education
Urban Education
TIPS FOR PUBLISHING

Send articles to journals that appear most frequently in your manuscript’s list of references

Review the editorial board of the journal for names of individuals you might know (or want to avoid) and ask them if they believe the journal is a good fit for your study

Recommend potential reviewers for your manuscript even when you are not asked to do so

Remember, journal impact factors encourage journals to publish manuscripts that cite the studies that appear in their journal

Review the journal for formatting instructions and word count limits

Respond to every suggestion given by your reviewers, even if you don’t agree with them
PUBLICATION ACTIVITIES FOR BROADER IMPACTS

› Presentations
  – Conferences
  – Video “showcase” (~3-minute video)
    http://stemforall2019.videohall.com

› Professional Associations (NSBE, etc.)
  – Dissemination partners
  – Research collaborators

› Product Sharing
  – Webinars
  – Data-sharing
  – Curricular materials/intervention
PUBLICATION ACTIVITIES FOR BROADER IMPACTS

› Postdoctoral, Doctoral, and Undergraduate Research Training
› Study Websites
› Social Media
  – Twitter
  – Facebook
› Informing Communities
  – Press releases
  – Policy briefs
  – OpEds
  – Research participants
  – Colleagues at other departments/institutions
QUESTIONS

› How might research collaborations with other MSIs and PWIs be rewarding and challenging?
› Are there other ways to increase the visibility of your publications?
› What other outlets for publication could you engage?
› How do we make sure our research reaches change-agents and communities of practice?
Thanks and Questions

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