

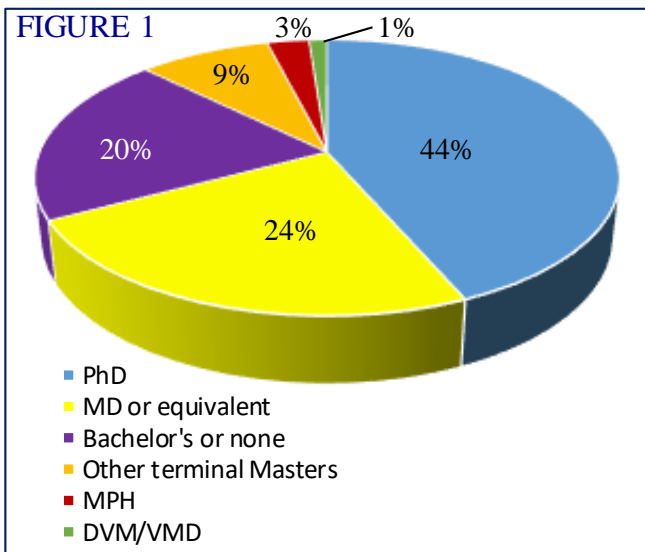


Collaborating for the Advancement of Interdisciplinary Research in Benign Urology 2021 Annual Meeting Summary

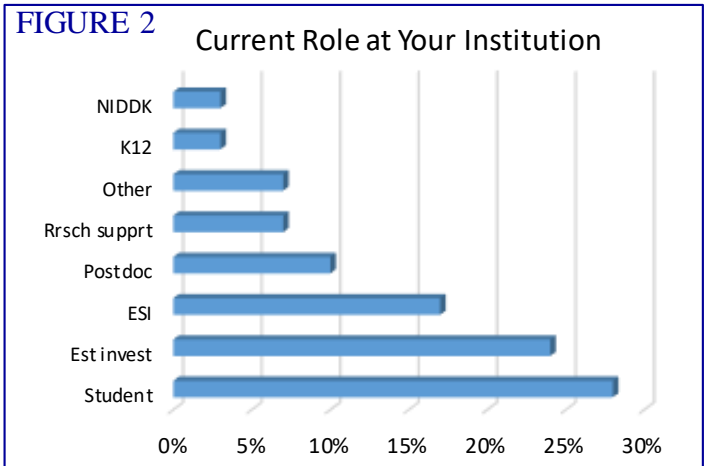
Meeting Attendance

Pre-registrants (n=238) included 101 investigators not previously affiliated with CAIRIBU. **Figure 1** illustrates the proportion of pre-registrants by education/career stage. The numbers of actual meeting attendees each day of the meeting was similar (day 1, 166; day 2, 161). The number of meeting attendees participating in both days was 129.

Meeting Evaluation



Survey respondents (n=30) included students, established investigators, early stage investigators (ESI), postdocs, research support personnel, K12 scholars, NIDDK leaders/staff, and others. **Figure 2** illustrates the proportion of meeting evaluation survey respondents.



REPRESENTATION ON THE MEETING PROGRAM

The 2021 meeting included at least one presenter from each CAIRIBU Center. Additionally, many scholars from CAIRIBU K12 Programs were represented. Of 29 total presenters in scientific sessions, 48% were women. Of 12 K12 scholar presentations, 75% were women. Of 9 trainee/ESI moderators, 67% were women.

Satisfaction by Session

Data in the table show the proportion (%) of survey respondents rating sessions as excellent, good, fair, or poor.

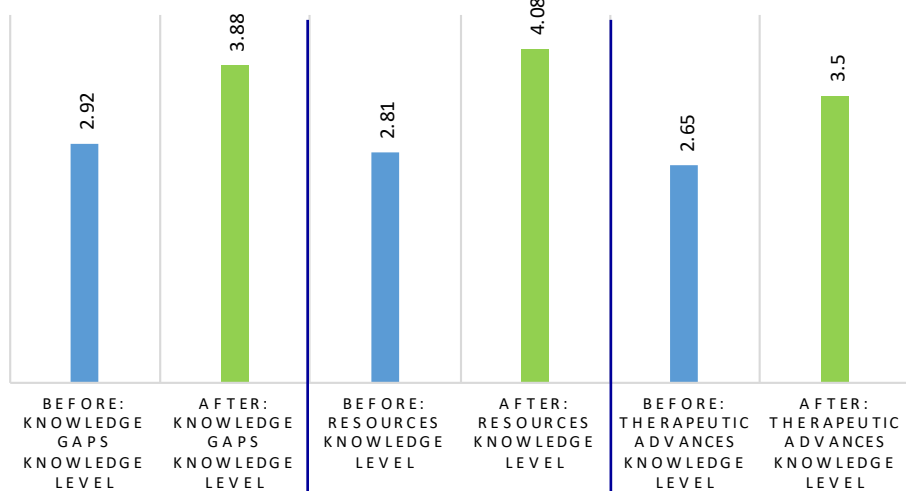
| Session | Excellent | Good | Fair | Poor |
|---|-----------|------|------|------|
| Scientific Session (SS) 1: Knowledge Gaps in Benign GU Research | 72% | 28% | 0% | 0% |
| Keynote Lecture: Katherine R. Amato, PhD | 63% | 33% | 4% | 0% |
| SS 2: Resources for Benign GU Research | 67% | 33% | 0% | 0% |
| Session 3: CAIRIBU K12 Scholar Flash Talks | 65% | 31% | 4% | 0% |
| SS 4: Therapeutic Advances for Benign Urology | 59% | 37% | 4% | 0% |
| Keynote Lecture: Carl Kesselman, PhD | 60% | 28% | 12% | 0% |
| SS 5: Collaborative Research in Benign Urology | 74% | 26% | 0% | 0% |
| Concurrent Session: What does benign GU research need to advance? | 67% | 28% | 6% | 0% |
| Concurrent Session: Building psychologically safe teams | 73% | 20% | 7% | 0% |
| Concurrent Session: Translational teams | 50% | 42% | 0% | 8% |
| Poster Sessions | 63% | 33% | 4% | 0% |

Knowledge Change

Self-reported changes in knowledge for scientific are shown (**Figure 3**). Respondents ranked their level of knowledge from 1 (low) to 5 (high). Knowledge increased (mean±SD) after the knowledge gaps session (+0.96±0.77), the resources session (+1.27±0.72), and the therapeutic advances session (+0.85±0.67). There were no significant differences for changes in knowledge between investigators from different career stages.

FIGURE 3

KNOWLEDGE LEVELS BEFORE AND AFTER SCIENTIFIC SESSIONS



Year By Year Change: 2020 vs. 2021

From 2020 to 2021, the percentage of survey respondents indicating “strongly agree” increased for several survey items (Table 2). The largest increase (79%) was for “This meeting enhanced my capacity to conduct research.” The meeting as an opportunity to initiate mentoring and/or potential collaborative relationships also increased significantly (Table 2). The percentage of respondents citing “strongly agree” decreased for 2 items (Table 2). Overall, on a scale of 1-10 (not very likely to highly likely), respondents rated their likelihood of applying the knowledge and training they received to their research career or research programs 8.3. In 2020, the mean response was 8.0. This represents an increase of 3.5%.

| Table 2. Year Over Year Change | 2021 | 2020 | |
|---|----------------------|----------------------|-----------------|
| Question | “Strongly Agree” (%) | “Strongly Agree” (%) | % Change |
| Meeting was <u>organized well</u> | 89.7% | 87.9% | ↑ 2.0% |
| I learned new things about the <u>research and research tools</u> used by CAIRIBU investigators | 72.4% | 82.8% | ↓ -12.6% |
| I will <u>apply new knowledge</u> learned and/or <u>new research tools</u> to my own research or research program | 62.1% | 67.9% | ↓ -8.54% |
| Meeting provided the opportunity to initiate <u>mentoring</u> and/or <u>potential collaborative relationships</u> with others | 58.6% | 40.4% | ↑ 45.0% |
| Meeting enhanced my <u>capacity</u> to conduct research | 58.6% | 32.7% | ↑ 79.2% |
| Meeting enhanced my <u>enthusiasm</u> for doing research | 64.3% | 58.9% | ↑ 9.2% |
| Meeting enhanced my <u>ability to understand other disciplinary perspectives</u> in benign urology research | 75.9% | 67.2% | ↑ 13.0% |

Best Abstract & Best Poster Winners

Best Abstract. Abstracts (n=50) were submitted by CAIRIBU-affiliated trainees and early-stage investigators. Each abstract was reviewed by 2-4 expert reviewers. The highest scoring abstract was from **Matthew Grimes, MD**, K12 Scholar, UW-Madison KURE Program for his abstract: *CD44 expression is decreased in lichen sclerosis*

Best Posters. Members of the CAIRIBU 2021 Meeting Abstracts & Poster Session Committee judged the quality of presenters’ posters, 1-minute talks, and breakout room Q&A. The committee awarded 9 trainee/early stage investigator best poster awards in 6 research categories.

- ❖ **Animal models** (2): [Cassandra Kisby, MD, MS](#), K12 Scholar, Duke University KURE Program and [Alexis Adrian](#), PhD candidate, UW-Madison U54 O’Brien Center
- ❖ **Inflammation** (2): [Michael Odom, PhD](#), K12 Scholar, Duke University KURE Program and [Eduardo Mora](#), medical school student working with UW-Madison KURE Program K12 Scholar Matt Grimes, MD
- ❖ **Voiding** (2): [Diya Binoy Joseph, PhD](#), at University of Texas Southwestern (UW-Madison U54 O’Brien Center) and [Casey Steadman, PhD](#), K12 Scholar, Duke University KURE Program
- ❖ **Clinical:** [Emily Davidson, MD](#), Medical College of Wisconsin P20 Exploratory Center
- ❖ **Congenital:** [Gregory Whittemore](#), medical school student, Columbia University P20 Exploratory Center
- ❖ **Urinary tract infection:** [Grace Morales](#), PhD candidate, Vanderbilt University P20 Exploratory Center