FAMIA
Applied Informatics Recognition Program

July 24, 2018
Why FAMIA?

▪ Health IT and EHRs are now ubiquitous
▪ Clinical and translational research increasingly depend on high-throughput computing and vast quantities of data
▪ Consumers increasingly use tools and apps to collect and manage health-related information
▪ Public health professionals leverage a growing number of sensors and other data points to understand, monitor, and manage health across populations
From Science to Application

▪ The field of informatics began as, and remains, a scientific discipline. As it has grown and matured, it has expanded to also include applied work conducted as part of the practice of informatics.

▪ In the past 60 years, informatics has grown to include a wide array of professions that leverage IT and data systems as
  – Point-of-care interventions for patients,
  – Facilitators of clinical and health services research, and
  – The means by which data-driven discovery of all kinds must depend
Board Charge

- It is moved that AMIA develop a recognition program (i.e. designation of members as Fellows of AMIA) for members who apply informatics skills and knowledge within their professional setting, who have demonstrated professional achievement and leadership, and who have a sustained commitment to the betterment of AMIA. These individuals practice in applied settings, and use informatics skills and knowledge to improve health and health care.
Process & Players

Process

- Established an Advisory Group of 11 to develop Eligibility Criteria recommendations
  - Inclusive of: CICOP, CIPD, ACMI, ACIF, NIWG, BoD, CRI and Public Health communities
- AMIA Board approved FAMIA Eligibility Criteria in May 2018
- 19-person Review Committee established to translate Eligibility Criteria into an application
Eligibility Categories Overview

1. Education*
2. Certification*
3. Experience*
4. Peer Recommendation
5. AMIA Membership
6. AMIA Engagement
7. Future Commitments

* = these requirements will vary, depending on application pathway
Two Pathways to FAMIA

- Given the diversity of our membership and the dynamic ways in which informatics knowledge is being applied to practice, FAMIA includes two pathways:
  - Certification Pathway
  - Long-Term Experience Pathway
Certification v. Long-Term Experience

Certification Pathway

- Certification from an approved informatics certification program required
  - ABPM
  - ABPath
  - ANCC
- 2 years’ work experience post-Certification

Long-Term Experience Pathway

- No Certification required
- Demonstration of Informatics Competency Qualifications (ICQs)
- 10 years’ work experience with more than 25 percent applied informatics level of effort, or equivalent
Education

Certification Pathway:

- Advanced healthcare degree, including:
  - MD/DO; MSN; DNP; PharmD; DPH; Etc.

Long-Term Experience Pathway:

- At least a Bachelor degree
  - Nursing; Computer science; Biology; Etc.
Certification

Certification Pathway:
- Completion of approved informatics Certification
- ABPM / ABPath Clinical Informatics;
- ANCC Nursing Informatics

Long-Term Experience Pathway:
- Not Applicable
Applied Informatics Experience

Certification Pathway:
• 2 years working experience in a position that has >25% applied informatics FTE duties after completion of approved informatics certification

Long-Term Experience Pathway:
• 10 years of >25% applied informatics work, or equivalent effort
• Demonstration of Informatics Competency Qualifications (ICQs)
Long-Term Experience Pathway

For applicants who do not have an informatics certification:

- 10 years at >25% informatics experience, or equivalent

Narrative explaining how individuals have impacted:

- Patients or individuals through informatics initiatives designed to enhance health care, population health, or personal health;
- Health systems and/or organizations through informatics initiatives designed to enhance performance and learning;
- Technology that promotes better health and health care; and
- System or team effectiveness by leading and managing health informatics change.

Five-year window of availability to allow for AHIC to launch (tentative 2019)
Completion of Recommendation Form

- Recommender must be AMIA member
- Series of yes/no questions
- Less than 5min to complete
Current member with history of membership for at least 3 out of the last 5 years

- Must be active member at date of application submission
AMIA Engagement

At least one contribution to AMIA from the list below (within last 5 years)

- In-person presentation of a paper, poster, panel, tutorial, or other academic contribution at an AMIA meeting;
- First or senior author of paper published in an AMIA-endorsed journal; or
- Participation on an AMIA committee, task force or equivalent
- Leadership in AMIA Working Group
- Other contribution by petition
1. Commitment to maintain Certification requirements (if applicable);
2. Commitment to maintain AMIA membership;
3. Commitment to meet minimum participation requirements (as described by AMIA Engagement Criterion); and
4. Commitment to follow the AMIA Code of Ethics and Professional Conduct
FAMIA Timeline

- Application Period Opens (July 16)
- Application Period Closes (Sept. 3)
- Review Closes (late Sept)
- FAMIA Applicants Notified (mid-Oct.)
- FAMIA Announcement (Annual Symposium)
- FAMIA Induction Ceremony (CIC19)
Review Process: Online Application

- Documentation requirements
  - Diploma copy
  - Certificate copy (if applicable)
  - CV / Resume
  - ICQ Questionnaire (if applicable)
Informatics Competency Qualifications (ICQ) impact on four domains:

- Individuals/Populations
- Organizations
- Informatics Tools & Methods
- Team and Change Management

Will be evaluated using a Challenge-Context-Action-Result (CCAR) model.
Impact on Organizations ICQ (less than 500 words)

- **Challenge**
  - We needed an effective way to decrease transcription costs as the quality had dropped and prices rose to over $4 million per year for our 80 practitioner group...

- **Context**
  - We were using manual transcription but a new voice recognition tool was available that would save money, allow for real-time transcription, and could be customized for our local dialect, and vocabulary...

- **Action**
  - I created a team, developed a plan, and executed it as the champion. I wrote customized macros, oversaw training, and customized the vocabulary to meet...

- **Result**
  - Over 30 days we went to full deployment and 100% usage, saving over $1 million the first year and $2 million were saved subsequent years. Downstream providers were satisfied with improved timeliness of charting...
ICQ Evaluation Schema

Considerations and Scoring Components

▪ Impact on Individuals/Populations
  – Did the applicant describe a significant challenge related to how they made an impact on patients or individuals through informatics to enhance health care, population health, or personal health?

▪ Impact on Organizations
  – Did the applicant provide enough detail about the environment and why this challenge was prioritized / important for the organization?

▪ Informatics Tools & Methods
  – Did the applicant describe how they used their skills and expertise in informatics to promote better health, healthcare, or informatics practices?

▪ Team and Change Management
  – Did the applicant provide results indicating how their actions contributed to leading and managing health informatics change?
Applications Welcome

▪ Application period open through September 3
▪ Find more information at
  – FAMIA Updates listserv:
    • https://www.surveymonkey.com/r/FAMIA
  – Dedicated webpages for FAMIA
    • AMIA.org/FAMIA
  – Frequently Asked Questions
    • AMIA.org/FAMIA-FAQs

“The establishment of FAMIA marks a watershed moment for the profession of health informatics,” said Douglas B. Frisina, MD, PhD, FACP, FACMI, AMIA President and CEO. “For years to come, this credential will signal to patients, employers, and colleagues that this Fellow is steeped in evidence-based practice and engaged with a community of life-long learners who strive to apply the latest advances in the science of informatics on their behalf. FAMIA recognizes excellence now, and sets the bar for generations to come.”
Questions?
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AMIA | FAMIA Overview Webinar