Group #1

Patient Data (13)
Repository to Support Clinical Analytics

- Informatics Competencies for Biomedical Researchers in Training (7)
- Organize members only workshops on topics related to enhancing research mission (1)
- Diversifying research funding including corporate, AF as clearinghouse (2)

- Research mentor network & collab. (4)
  - Take an active position in guiding research policy
  - NLM renamed to better describe purpose, e.g. institute (6)
  - White paper positioning informatics versus a data science (1)

- Grow smaller research programs thru org. mentorship (2)
  - Advocate for informatics as a science externally to influence funding streams
  - Align research funding with ling
  - Create linkage between

- Break the link between funding & specific disease phenotype.
- Have an informatists on grant review panels (7)
- AF has a dialog with itself about its role in each of the listed items – i.e. discussion
- Forum should collectively identify core informatics science issues and as a group advocate their funding (7)
Group #2

**Fellowships (9)**
- Evaluation metrics: applied academic
  - Validity
  - Long-term outcomes: How do you define success?
  - Instruments
  - e.g. predictive value of in service exams
  - e.g. motivations, salary, job placements

**Other Training (5)**
- Repository of validated training cases
- Simulations of real-world scenarios, e.g. system crash
  learning policies & procedures

**Basic Informatics Research (16)**
- Funding: a central repository of available grants
- Need for large datasets for model testing & validation
  - Payers’ data: Can AMIA lobby?
  - Industry-supplied data
  - AMIA as a data clearinghouse
  - AMIA can coordinate data sharing network (a la OMOP)

**Industry Partnerships**
- Academic EHR’s
- Contribute data
- Funding

- AMIA establishing a “best practices” for User Interface Design
- Facilitate empirical research on outcomes of design differences among EHR implementations (1)
- AMIA to coordinate/facilitate large data sharing networks.
Group #3

- Topic based collab. research (Data mine for finding like-minded researchers) (1)
- Facilitate access to large datasets via AF.
  - (Include shared curric.)
- Support non-grant funded collaboration
- Increase JR. Faculty support (6)
- AMIA recognize high impact work…
  …Partner across disc. to achieve high impact and multi-disc recognition
- Opportunities for clinical informaticians to partner on/contribute to research (2)
- Market value of informatics research to prospective funders (whether gov., industry, etc.)
- Standards for IRB approval (e.g. IRB Share) (9)
- Focus on scholarship of teaching (reg. special issue of JAMIA or other) (16)
- Schol. of producing INFX teaching tools (1)
1.) Data sharing: Regulatory
6.) Promote undergraduate process improvement training (3)

2.) Lobby for funding/provide $ pilot projects (1)
3.) People: job matching
7.) Work force study

4.) Model sharing (methodology)
5.) Framework for IRB with references to informatics research
   - share protocols
   - data sharing agreements
   - sharing resources
   - studies
   - lobbying/advocacy
   - identity

6.) IDENTITY (10)
Informatics Research Fish (3)

- employers
  - workforce
    - grand challenge
      - generalizable
    - skill
      - training
    - practice-based

Informatics unit

- people
  - staff
  - students
- faculty

- library
  - methodology
- match

- identity

- time
  - fed
  - industry
  - advocate

- DSA
- IRB
- protocol

- $ (customizable)
- tools
- studies

AMIA AF can do

Vote: the model
the green underline

* = votes

AMIA → catalyst
Unit → research
Group #5

The Pentagon

- AMIA statement about importance of research informatics (message to students/faculty) (6)
- Hackathons as interdisciplinary STEM program advisors PR/marketing (1)
- Research Idea Generation Corner (RIGC) (8)
  - could contribute to Hackathons
- Offer formal input to Energy & Commerce Congressman Upton’s recent initiative (Data access) (1)
- Identify alternative funding sources/AMIA Environmental Scan (12)
  - Dept. of Education
  - Dept. of Commerce
  - NSF
  - Private foundations (besides RWJF)
  - Gates foundation/Local foundations
- Identify Top Informatics Research/Education Journals (by volume)
  - JAMIA Special Issue – Education
    - Field Review
- Best Informatics Education Practices (national/international) (4)
- Integrate/Share educational content & research practices (2)
- International Collaborations (1)
  - MedBiquitous Membership for AF
- AF Knowledge Center (1)
  - list of grants, publications, research interests
- Evaluate/Review Job listings on AMIA site
  - recruitment
- Standardized Curriculum Competency for research education for clinicians non-informatists
- Public education about informatics researches
  - What research can do for health
  - Education series standard w/videos

- Advocate for needing informaticians on grants
- Develop a model of research informatics as a core facility
- National laboratory
- DARPA (6)

Advocate for national funding
- Research Education Funding (3)
  - R25 – NLM
  - Push NLM as a repository
  - Open problem list

- Create research priority list Agenda (3)
  - Models for research collaborations
- Promote our own (1)
- Protected time
- Critical mass
  - Cross program sharing
    - Multi-site studies
    - Replications of studies
  - Mentoring
    - International Scholars
    - International Mentoring
- New Models of Ed. Prep.
- Ed. Research
- Student exchange (7)
  - Education
  - Research
- Promote interactions w/healthcare orgs. (1)