**Clinical Informatics Fellowship – Practical Curriculum**

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| **Topic** | **IMD/CI or User Perspective** | **Location** | **Hours** |
| CoN Process – Army Only | IMD | MAMC | .25 |
| DIACAP – Overview | IMD/CI | MAMC/NHB | .25 |
| IA – Overview | IMD/CI/User | MAMC/NHB | .25 |
| SAIC On-Site Responsibilities | IMD | MAMC | .5 |
| IMD - Overview | IMD | MAMC | .5 |
| Deployment Ops | IMD | MAMC/NHB |  |
| End User Support – Overview | IMD/User | MAMC/NHB/McChord |  |
| Hardware - Clinical | IMD | MAMC/NHB |  |
| Hardware - General | IMD | MAMC |  |
| Help Desk – Overview  1.5 HR | IMD/User | MAMC/NHB |  |
| Software - Clinical | IMD/CI/User | MAMC |  |
| Software – Non-Clinical | IMD/User | MAMC |  |
| Large Clinic – Challenges | IMD/User | McChord |  |
| Large MTF – Challenges | IMD/User | MAMC |  |
| Medium MTF – Challenges | IMD/User | NHB |  |
| Systems/Servers - Overview | IMD/CI | MAMC/NHB |  |
| Virtualization - Application  1 HR | IMD/User | MAMC/McChord |  |
| Virtualization – Desktop/User | IMD/User | MAMC/McChord |  |
| Virtualization - Server | IMD/User | MAMC/McChord |  |
| DBC - Overview | IMD/CI | MAMC |  |
| Switches - Overview | IMD | MAMC/NHB |  |
| Network - Overview | IMD | MAMC/NHB |  |
| Wireless Access Points - Overview  2 HR | IMD | MAMC/NHB |  |
| Ethernet LAN | IMD | MAMC/NHB |  |
| Dead Zones | IMD/User | MAMC/NHB |  |
| Workflow Analysis – Overview | CI | MAMC |  |
| Predictive Analytics - Overview | CI/User | MAMC |  |
| Workflow Analysis – Case Example | CI/User | MAMC |  |
| Standardization – Case Example | CI/User | MAMC |  |
| Standardization – Principles | CI/User | MAMC |  |
| GUI Design – Overview | CI/User | MAMC |  |
| Training – Overview/Concepts | CI/User | MAMC/NHB/McChord |  |
| Usability and Testing | CI/User | MAMC |  |
| DBA – Overview | CI | MAMC |  |
| Business Analytics – Overview | CI/User | MAMC |  |
| Business Intelligence – Overview | CI/User | MAMC/NHB |  |

Additional Things:

1. Contacting & Funding
   1. How IT things get funded
   2. Colors of money
   3. POM
   4. Out Years
   5. Central Funding
   6. MTF Funding
2. Research
   1. Unlocking EHR data in research
   2. Designing research protocols that use the EHR, forms in the EHR
3. Interoperability
   1. BHIE (Government)
   2. Pensacola/Cogon
   3. Beacon Communities (Real World)
   4. Data Use Agreements
   5. ACOs and ARRA/HITECH
4. Governance
   1. How should you build your CI shop (MTF, Region, Enterprise)
      1. Traditional reporting and org structures
      2. Modern reporting and org structures
   2. What should your CI shop do (MTF, Region, Enterprise)
      1. Traditional task and role
      2. Modern task and role
   3. Model Letters of Appointment (MTF, Region, Enterprise)
   4. Model project to demonstrate your value to leadership which doesn’t get it (MTF, Region, Enterprise)