## NSF-ATE Team Meeting Minutes

Type of Meeting: General NSF-ATE Team Meeting

Date: Tuesday, January 17, 2006

Location: San Diego Community College District Office, 3375 Camino Del Rio S., San

Diego, California; Room 335 Conference Room

## In Attendance:

Project Member (by Last Name)	Title	Email Address	Project Title	Present
Gagan Aurora	SDSU graduate student	gaganarora81@yahoo.com	Graduate Research Assistant	(sick)
Kim Dodson	SDSU graduate student	KDodson@ci.la- mesa.ca.us	Graduate Research Assistant	X
Carl Eckberg	SDSU Faculty	eckberg@rohan.sdsu.edu	Co-PI	X
Eileen Goff	San Diego Mesa College Faculty	egoff@sdccd.edu	PI	Х
Tony Howser		ahowser@rohan.sdsu.edu	Graduate Research Assistant	X
John Johnson	San Diego Mesa College Faculty	jjohnson@sdccd.edu	Co-PI	Х
Otto Lee	Dean, School of Business, Computer Studies, and Technology, San Diego Mesa College	olee@sdccd.edu	Co-PI	Х
Karen Owen	San Diego Mesa College Faculty	kowen@sdccd.net	Researcher	Х
Ming-Hsiang Tsou	SDSU Faculty	mtsou@mail.sdsu.edu	Co-PI	Х

## Agenda:

- Introductions
- Project and personal changes
- Status of major activities
- Specific plans/goals for this year

5 Action-Items Highlighted Below

- Introductions
  - Otto Lee informed everyone that this was an informal meeting for project update purposes
  - Everybody introduced themselves
- Project and personal changes
  - As of July 1, 2005, San Diego Mesa College administrative staff assumed their respective permanent positions and followed up with staffing and assignment reviews of many aspects of the institution. This review included the NSF-ATE project and had input all the way from the San Diego Mesa College president level.
  - The review resulted in the realization that there were resource shortfalls that needed to be addressed in continuing the NSF-ATE project.
  - The San Diego Mesa College president has strongly advocated a GIS program at San Diego Mesa College.
  - Development of a curriculum model/degree program (certificate that is skills/competency-based) has been identified as crucial element
    - Course content
    - Outlines
    - Etc.
  - Curriculum development expertise has been identified as lacking. Karen
    Owen was brought in for her expertise in shepherding new and revised
    technology programs. She has experience with database, multimedia, etc.
  - o A structured, team approach has been identified as necessary.
  - NSF advisement indicated that they have been sensitive to the fact that, institutional staffing limitations at San Diego Mesa College limited PI time to dedicate to the project. NSF advisors recommended organizational changes in order to facilitate the project. The changes included placing project staff/resources where they could be utilized most efficiently. These changes were embraced by the administration at San Diego Mesa College.
  - o John Johnson was placed as a permanent consultant and as a liaison between the project and the SDSU team.
  - o Eileen Goff was placed as a PI with overall project admin responsibilities
  - Otto Lee was placed as a Co-PI in order to facilitate project administration through and within the San Diego Mesa College formal bureaucracy.
  - Dedicated representatives at the San Diego School District have been identified as personnel resources for the project including liaisons to the San Diego City Schools. They may be accessed when needed.
  - NSF has recommended a (no-cost) one-year extension to the project in order to get on track to accomplish the original project goals. Otto Lee has stated that San Diego Mesa College admin has approved this change.
    - Ming Tsou has identified potential problems with salary/pay with a no-cost project extension due to requirements with the SDSU Foundation project administration (faculty/student pay, admin requirements, etc.)

- ACTION ITEM----Otto Lee responded by suggesting a <u>planning</u> meeting with the SDSU team administration in order to hash out issues related to the no-cost extension
- Sequential planning of project activities, tasks, and goals has been advocated.
  - ACTION ITEM---Follow-up and regular meetings to go over these items will need to take place at a future time after the San Diego Mesa College team regroups and identifies scheduling needs and requirements
- Status of major activities
  - Staggered project activities in order to produce project deliverables
    - <u>Curriculum development</u> has been identified as a major requirement (GIS 101, 102, etc.) consistent with DACUM results/industry techs, and consistent with SDSU transfer requirements.
      - Carl Eckberg re-emphasized the importance of this issue
    - <u>Certificate competency and prerequisites</u> for certificates (Curriculum Team)
    - Articulation of GIS content between high schools, San Diego Mesa College, and SDSU
    - Integration of other disciplines at San Diego Mesa College
    - Career Planning Website
    - <u>Industry partners/business community relationship development</u> for internship and DACUM/training
    - San Diego Mesa College is bringing on-board a full-time Geography professor to handle the geography aspect of the program
- Ming Tsou's collaboration proposal
  - Need for clearly-defined roles for team members
  - Need for high school teacher GIS workshop over the summer potentially using a to-be-developed Google Earth learning module.
    - Otto Lee responds that individuals such as Rob Atterbury, with San Diego City Schools, have advocated piloting GIS education programs at a maximum of two or three schools before opening it up to other schools.

- ACTION ITEM---Need to <u>define how often the general NSF-ATE team</u> meets (quarterly, every two months, etc.)
- Need for closely coordinated curriculum articulation between SDSU GEOG104 and San Diego Mesa College GIS110
- Jing-Yi Chen is working on a Masters thesis using the first Web-based GIS learning module with Helix Highschool.
- Need to coordinate and prepare for NVC meeting and mid-year report and annual report
- Travel funding
  - On the SDSU team side, the budget is extremely limited and Ming Tsou advocates additional allocations for travel to conferences.
  - Consideration of mandatory attendance to the Annual ATE Conference in Washington, D.C.
- o Project-sponsored publication has been identified
- o Ming Tsou stated that the SDSU team has been meeting bi-weekly.
- Specific plans/goals for this year
  - o Project focus needs to be realigned to curriculum development.
  - Otto Lee emphasizes the importance of a three-way articulation between San Diego City Schools, San Diego Mesa College, and SDSU.
  - ACTION ITEM---Ming Tsou suggests that Otto Lee should <u>email project</u>
     <u>NSF Advisory Committee</u> and update them on our status since they are
     currently in discussions regarding the project.
- **ACTION ITEM**---The San Diego Mesa Team will need to meet to <u>discuss their</u> availability for future meetings.
- The meeting was adjourned at approximately 3:30PM.

Minutes Prepared on 1/17/2006 and submitted by T. Howser