

## GK-12 Orientation 2010

**Day 1- Monday, July 26<sup>th</sup>**

**Location: CU Bldg. 480**

Time	Activity
8:30am-9:00am	(Teachers only) RMC- Teacher pre-survey
9:00am-9:30am	Introductions and Icebreaker - Bingo
9:30am-10:15am	Overview of Project & research <ul style="list-style-type: none"> <li>• GK-12 program and NSF GK-12 history</li> <li>• Our GK-12 project and goals</li> <li>• Display press conference video 2009</li> <li>• Research in Math/Science Teaching K-12</li> </ul>
10:15am-10:45am	STEM at UCD: Dan Howard
10:45am-11:00am	BREAK
11:00am-12:30pm	Introductions – Resident, Teacher, R, T, . . . Resident: BIO & RESEARCH “talk” Teacher: Name, School, Grades and Subjects, “one minute” on how you came to field of education
12:30pm-1:15pm	Lunch
1:15pm-2:00pm	Speed Dating: 4 science activities/4 math activities – 10 minutes each
2:00pm-2:45pm	What’s Your Culture? <ul style="list-style-type: none"> <li>• (20 min) Fun analogies: MS is like... Grad school/research is like...</li> <li>• (25 min) Role Playing               <ul style="list-style-type: none"> <li>• The middle school experience: What do you want the Residents to know about schools/educational climate? Teachers behavior management &amp; teaching styles</li> <li>• What do you want LTs to know about real research?</li> <li>• University culture: Research from a faculty perspective</li> </ul> </li> </ul>
2:45pm-3:00pm	BREAK
3:00pm-3:30pm	Breakout into Resident/Teacher groups Handbook/logistics
3:30pm-3:45pm	Wrap up: Q&A
<b>Social time at Old Chicago’s following</b>	

**Day 2- Tuesday, July 27<sup>th</sup>**

**Location: CU Bldg. 480**

Time	Activity
9:00am-10:15am	LTs: Presentations of inquiry-based activities and student work
10:15am-10:30am	BREAK
10:30am-11:30am	Guest Speaker: Tom Clarke – STEM & the Colorado Industry
11:30am-12:15pm	LTs: Presentations of inquiry-based activities and student work
12:15pm-1:00pm	Lunch
1:00pm-1:45pm	Speed Dating Round 2
1:45pm-2:00pm	BREAK
2:00pm-3:30pm	Introducing the GK-12 Resident, their purpose, and role And the roles of: <ul style="list-style-type: none"> <li>• Teachers</li> <li>• Observation Mentors (Jeff Forest/Jim Loats)</li> <li>• Advisors</li> </ul>
3:30pm-4:00pm	Wrap up: Q&A R/LT Pairing - Preference Voting

**Day 3- Wednesday, July 28<sup>th</sup>****Location: CU Bldg. 480**

Time	Activity
9:00am-9:15am	Introduction of TELCs and initial time to network
9:15am-10:30am	Case Studies
10:30am-10:45am	BREAK
10:45am-12:15pm	Developing your Professional Learning Community (TELC) <ul style="list-style-type: none"> <li>- Setting norms</li> <li>- Team Focus</li> <li>- Goals/Commitment</li> </ul>
12:15pm-1:00pm	Lunch
1:00pm-2:45pm	Planning for integration <ul style="list-style-type: none"> <li>- Review current curriculum &amp; standards</li> <li>- What content areas can Residents enhance?</li> <li>- Identify things Residents/LT can work on</li> <li>- What interdisciplinary opportunities are available?</li> </ul>
2:45pm-3:00pm	BREAK
3:00pm -3:30pm	Sharing of Initial Curriculum Planning
3:30pm-4:00pm	Wrap up: Q&A

**Day 4- Thursday, July 29<sup>th</sup>****Location: CU Bldg. 480**

Time	Activity
9:00am-10:45am	TELC Planning Time & Presentation- discuss academic year content and begin discussion of possible areas for resident enhancement of the content/curriculum
10:45am-11:00am	BREAK
11:00am-11:45am	TELCs share their lesson ideas and expected implementation dates
11:45am-12:45pm	Potluck Lunch, Individual & Team Pictures
12:45pm-2:30pm	Plan a mini-lesson (Resident, LT) using 5E model and Professional Learning Community skills
2:30pm-2:45pm	BREAK
2:45pm-3:30pm	Pair & Share w/2 different groups: present mini-lesson to another group
3:30pm-4:00pm	Wrap-up; Q&A