

Biotech Advisory Board Meeting Minutes
May 8, 2003

Present: Bridgette Kirkpatrick (BK)
 Rosanne Ciccia (RC)
 Cameron Neal (CN)
 Jean Helgeson (JH)
 Bill Bryant (BB)

Absent: Sandy Butler
 Dave Fancy
 John Lasster
 Mary Kay Gopa

6:00 pm Dinner

BK handed out Advisor Committee handbook for CCCCCD

Agenda: open accounting for Self Study (page from Self Study) & Biotech description from catalog

- I. Number of Students in Program – (15-20) – Two graduates, both have jobs and doing well. A couple of students will be finishing next year with internships. There are two getting certificates and going to graduate school. Everyone who had graduated has a job or going to graduate school (only one don't know).
People in the program are doing well. Need internship/coop sites for summer. New things are in the works.
JH – Try medical school human resource departments
BK – CBI – will try to here to get students.
BB – Wants a resume on students who need internships.
JH – Offering free help. Goldstein & Brown lab will take on students.
BK – Better if they can get paid but getting experience is a start.

- II. Self-Study – Open Activity
Many weaknesses will be addressed with lecture/lab. Some new students signed up in the fall.
BB- recommended CCCCCD show up at College Night's @ H.S. She will find out when these are.
BK- Global Edge – Technical Program – She will give a presentation at this meeting.
JK – Suggested putting genetics posters here as advertisement for Biotech.
BK – Teacher training region – Biotech in a Box and Workshops – forensic simulation for the teachers.
BB – Fewer High School kids getting into top-notch colleges. Questioned if they come here to junior colleges instead.

- III. Change Microbiology Requirement
Instead of just microbiology, offer a choice of four sciences: Microbiology, Organic Chemistry, Genetics or Anatomy & Physiology.
BB – having a choice may increase the potential for getting more students.
BK – Will put this before rest of Board, Sheryl to get this changed.
- IV. Certificate Program – 30 hours
Need more marketable skills program - proposal draft for certificate program.
Marketable skills certificate – for those who have 4-year degrees (Just Biotech courses). 1311 – changed – not an easy “A”. Certification – possible things BK can learn, be certified to teach, & give certificate a subject/tech for students to take them.
BB – Marketable skills certificate – Short three courses and internship (in thirteen hours) or thirty hours with science labs. Will pursue.
- V. AAS vs AS & Certificate (1311, 1402, 2401 & internships)
Is AAS degree worth what we want it to be? Have student get their AS & core biotech courses.
CN – More marketable degrees to students and employers. AS degree – transferable and marketable and have marketable skills.
JH – Suggested offering cell culture molecule biology & instrumentation course by itself.
BK – Offer cell culture over Summer I or III? Four
JH – Offered to teach cell culture with lab. If BK can teach Biology, Jean can do Biotech)
BK – wants post doc for CBI to do instruction for classes here (Instrumentation class). Trying to work this out.
CN – Issue – AAS vs AS & Certificate
AAS – need five computers/yr. Only get two, may have to suspend program.
AAS – terminal degree – job degree
AS – transferable – somewhere for students to transfer to, without loss of hours.
JH – Inverted 2+2 program (upper division courses here)
Reality – transfer anywhere, lose some hours.
Offer two certificates – 13 hours – for those with a BS with a strong science background. 30 hours – for more with a 4 year non-science degree.

Courses offered in Biotech-

Intro

Lab Methods

Bio Instrumentation

Molecule Bio.

Cell Culture

Ethics (add to certificate)

Internships (one for certificate, one for AAS). Can do second internship as elective. Ethics course – can be taken for any science and will be added to certificate program.

VI. Articulation Agreements-

UTA – looks promising

UNT – need to follow up

TWU – need to follow up

UTD – not a great prospect

UTD – having a problem getting this school to take some of our courses, to transfer to universities.

Lynn Little at UTSW Allied Health/Tech to transfer our students.

Coop internships

Ended at 7:40 with tour of our new labs.