



BUILDING AUD EXTERNSHIPS

Carol Cokely, Ph.D.
University of Texas Dallas



Externs since 2004

62 students

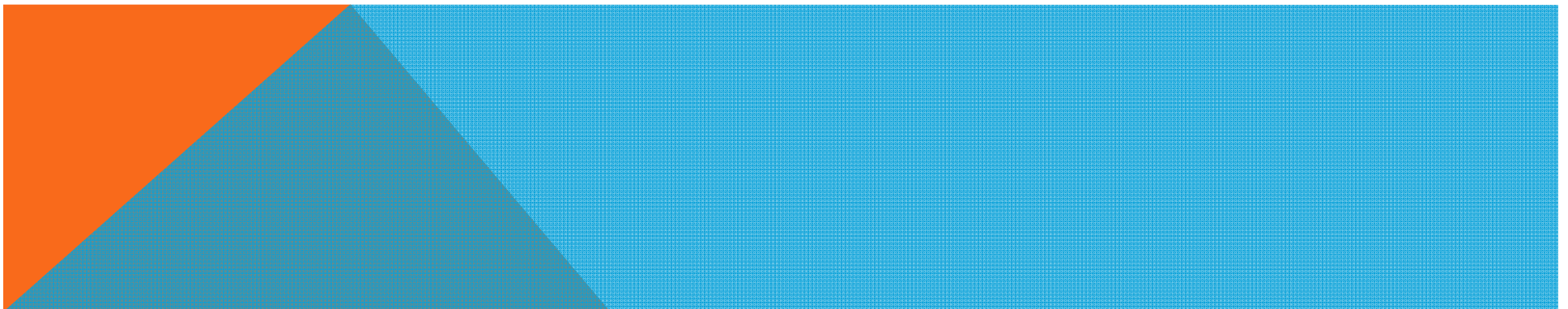
50 + facilities

EXTERNSHIP BUILDING

Overriding Factors:

Philosophy

Departmental Structure



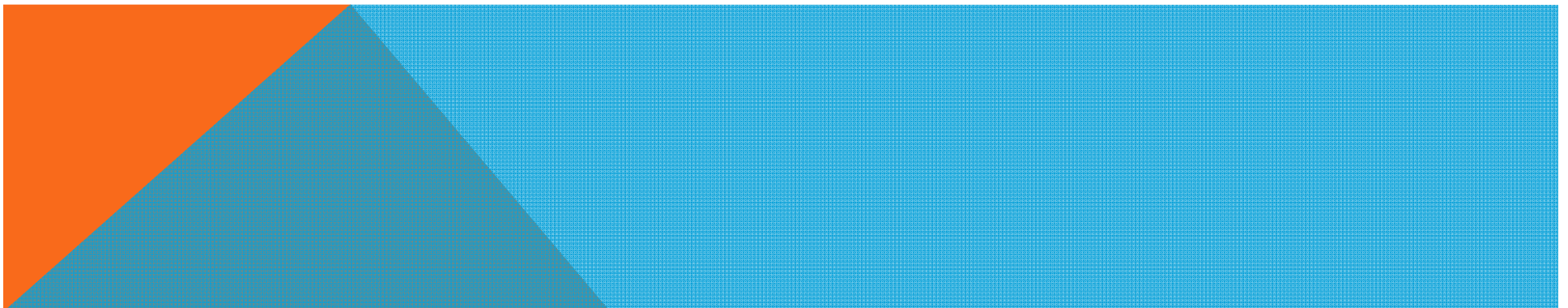
PHILOSOPHIES GUIDING EXTERNSHIP

Experience: GeneralistSpecialist

Locus of Control: Residential.....Remote

Degrees of Freedom: Random.....N-1

Decisions: Anecdotal.....Data Driven



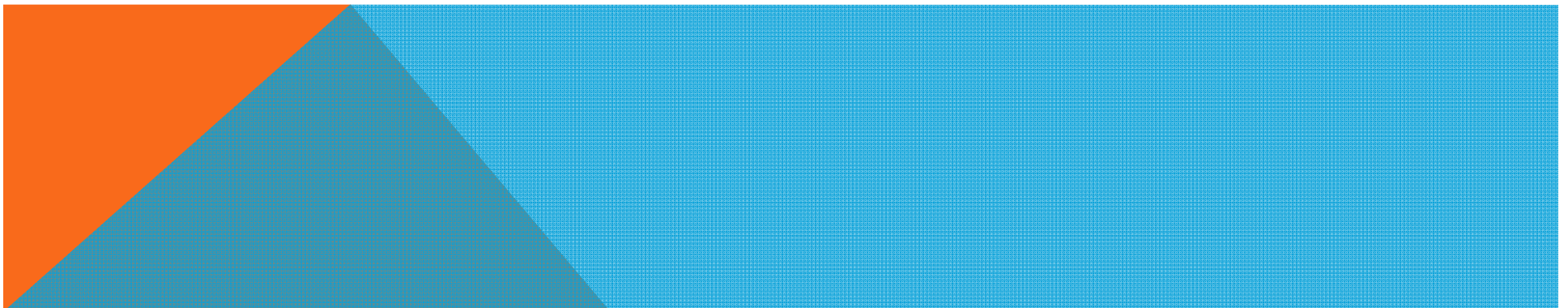
PHILOSOPHIES GUIDING EXTERNSHIP

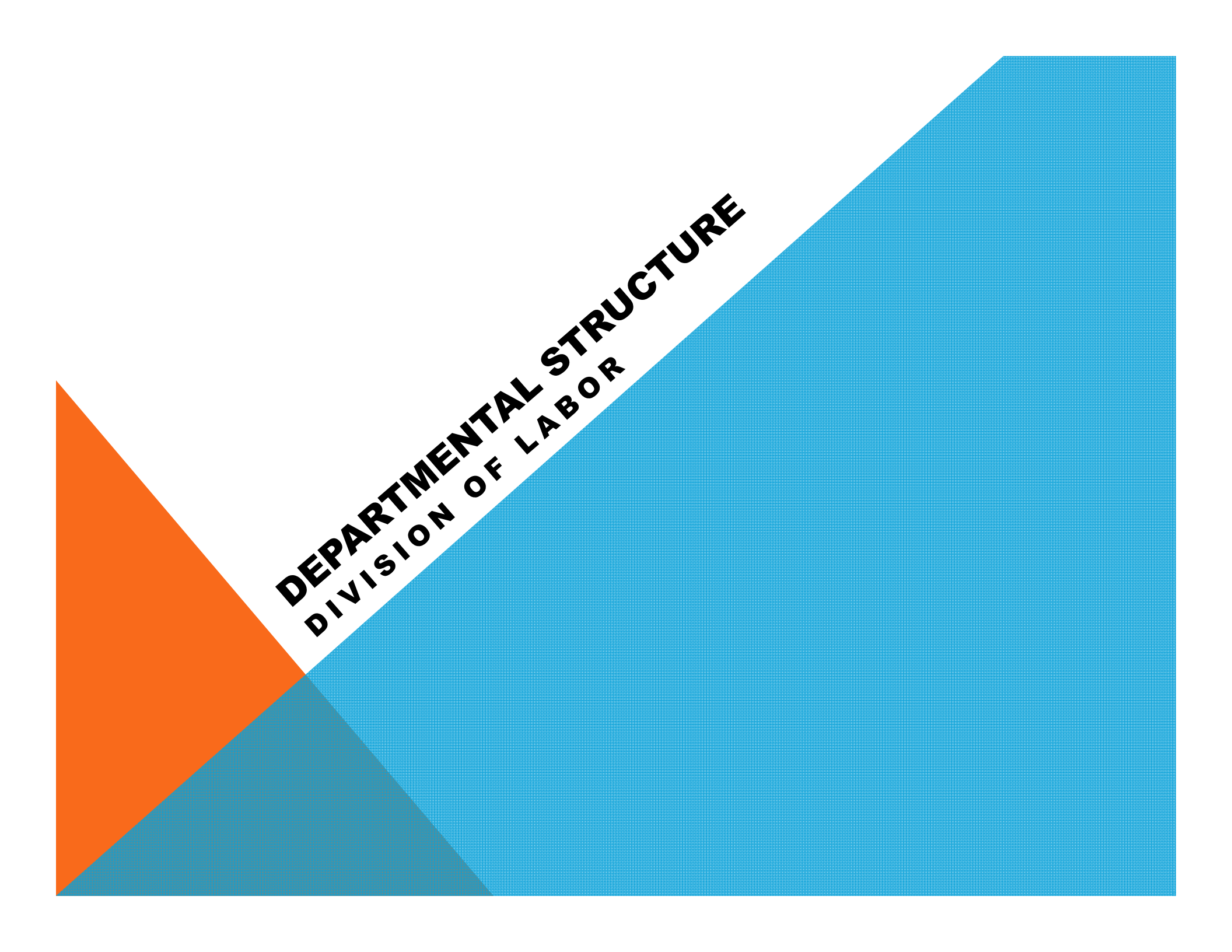
Experience: Generalist[↑]Specialist

Locus of Control: Residential.....[↑]Remote

Degrees of Freedom: Random.....[↑]N-1

Decisions: Anecdotal.....[↑]Data Driven





DEPARTMENTAL STRUCTURE
DIVISION OF LABOR

UTD SCHOOL OF BEHAVIORAL & BRAIN SCIENCES

Masters

COMD

Early Childhood

Applied Cognition &
Neuroscience

PhD

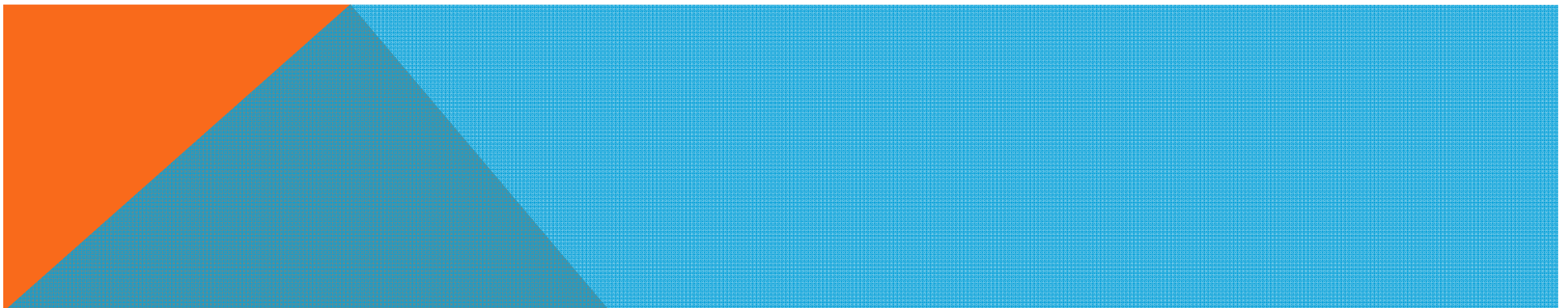
Cognitive Neurosc.

COMD

Psychology

[AUD/PhD]

AUD



AUDIOLOGY PROGRAM

CALLIER CENTER

Callier Executive Director

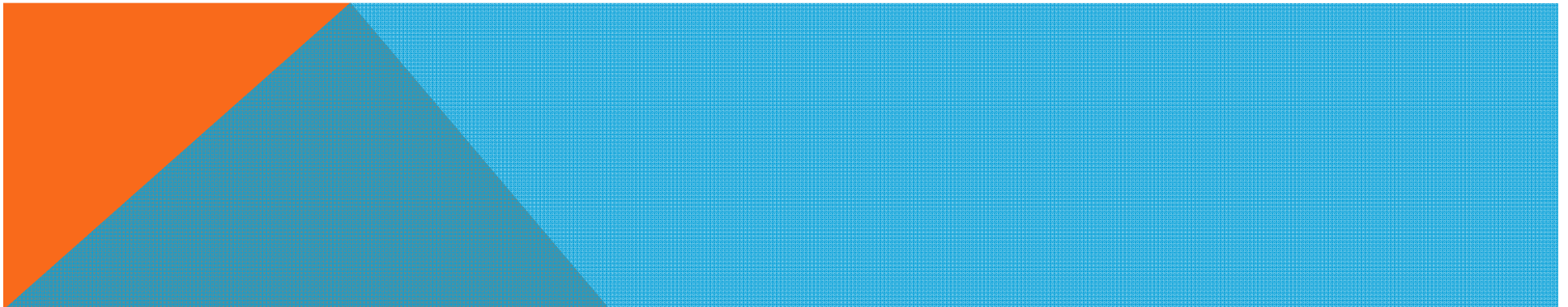
AUD Program Head

Head, Clinical Services

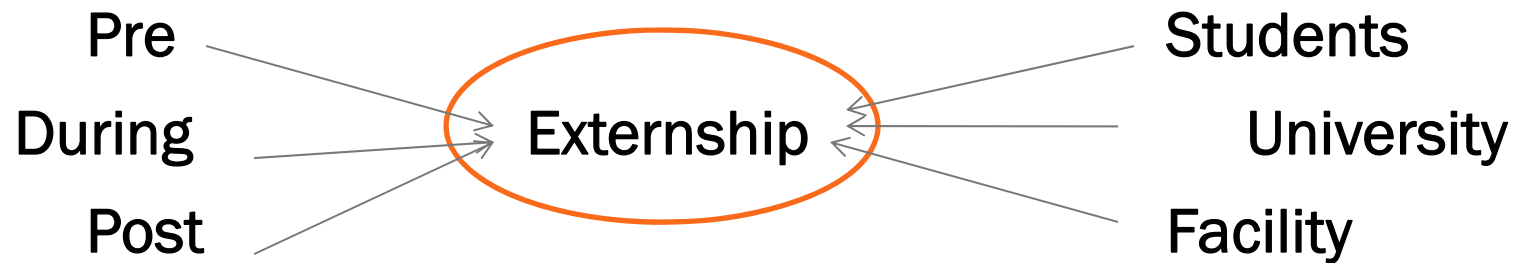
Faculty

- 3 Academic
- 4 Clinical

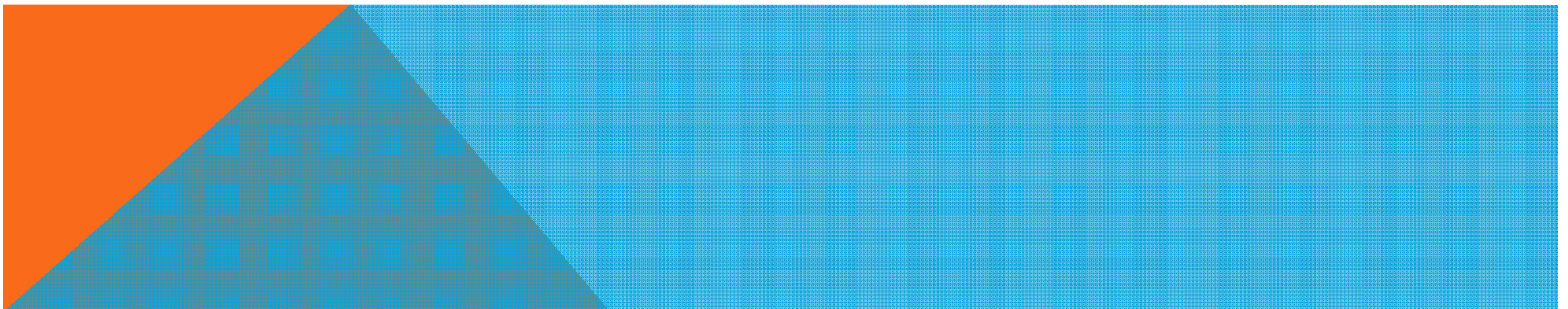
- Audiology Clinic Division Head
14 Faculty Associates

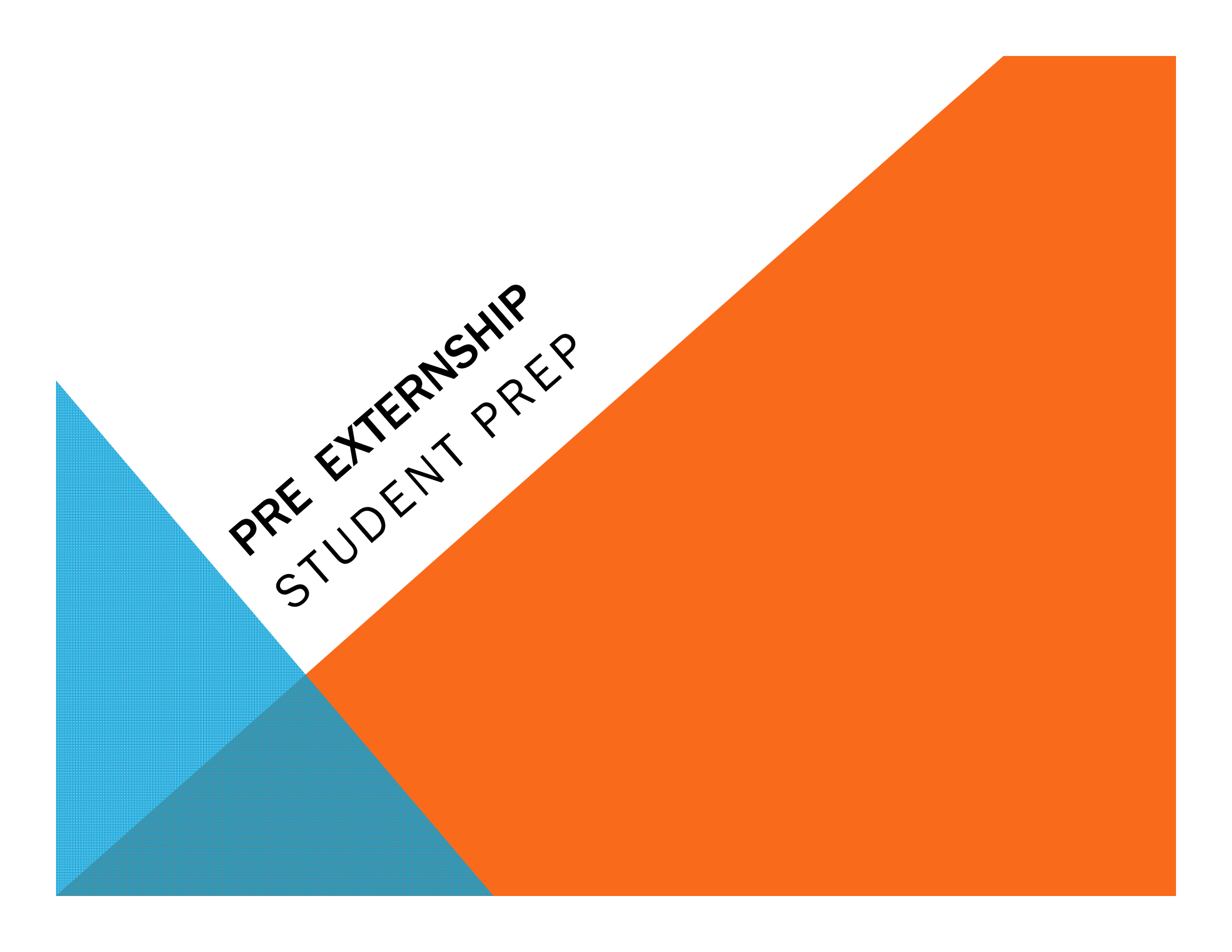


IT TAKES A VILLAGE....OBLIGATIONS



And the Circle Never Ends

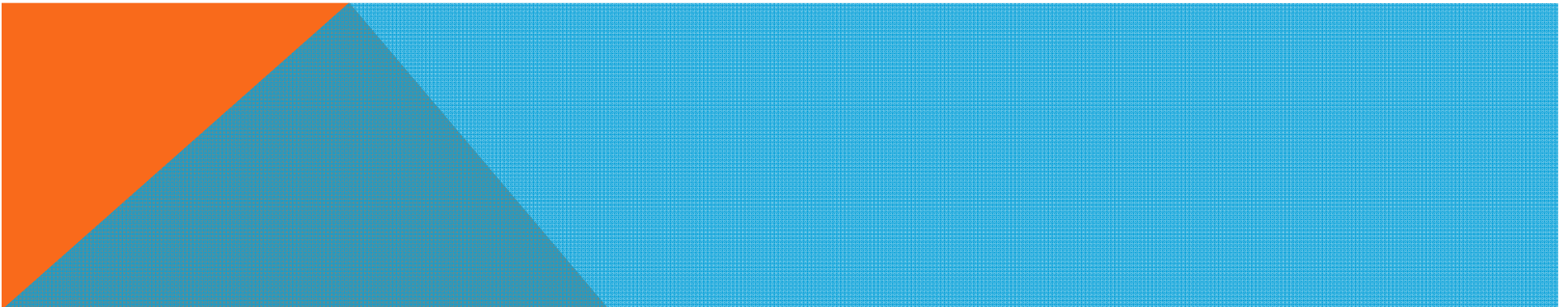




**PRE EXTERNSHIP
STUDENT PREP**

**Third Year Course:
Issues in Communication for
Advanced Student:**

Precepting/Mentoring
Conflict Resolution
Counseling
Leadership

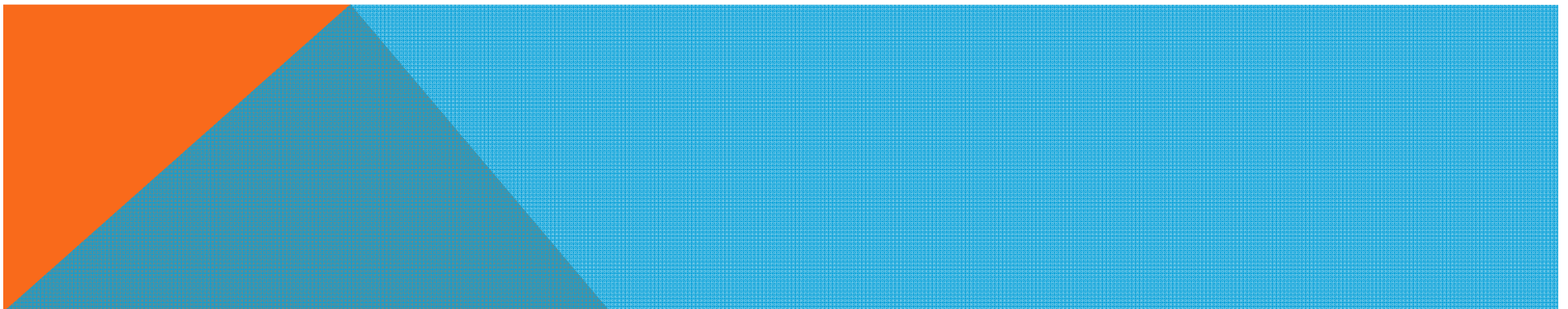


STUDENT PREPARATION

CV

Professional Communication

Interviewing



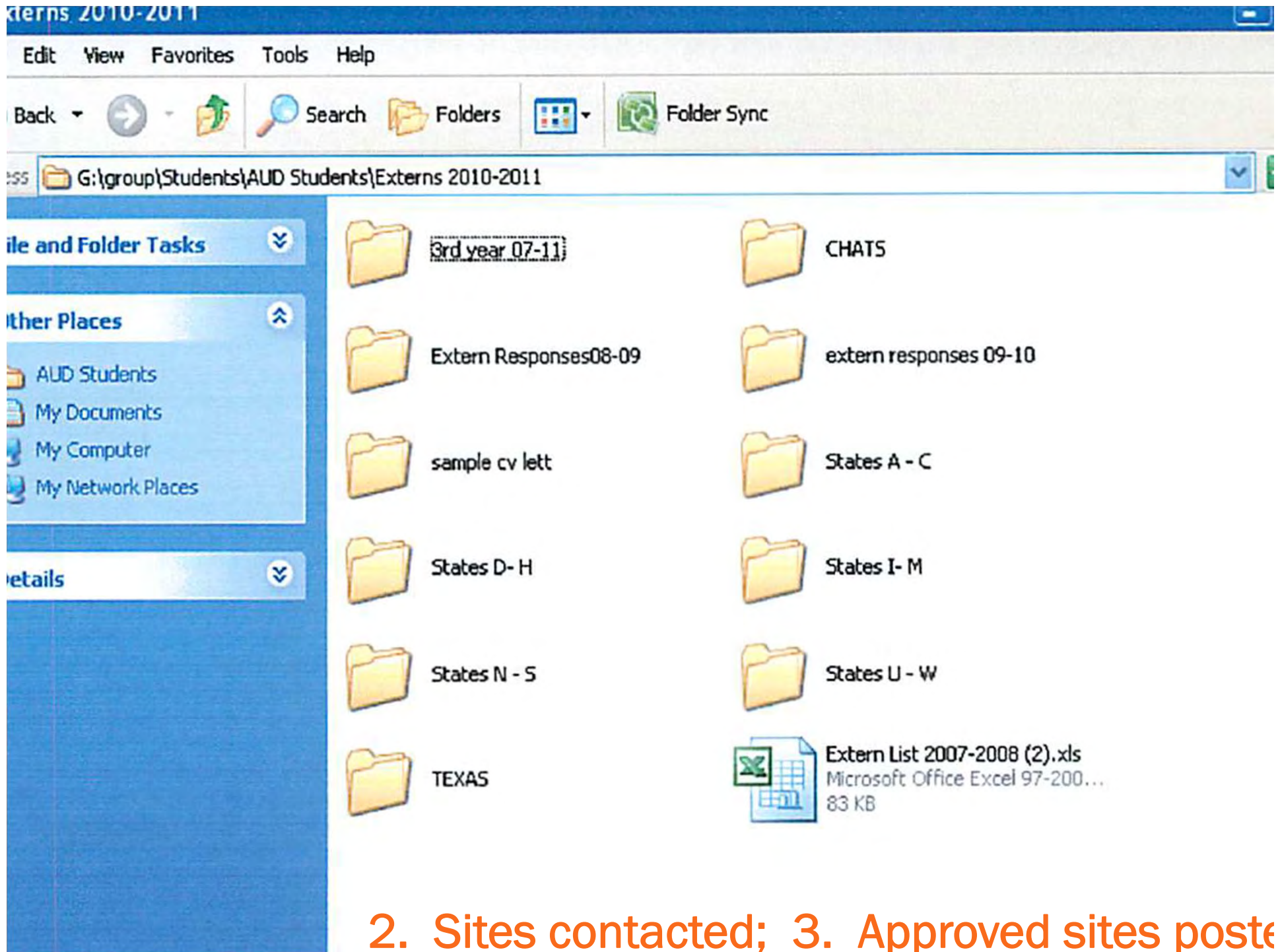
1. Student List

STUDENT NAME

EXTERN REQUEST LIST 2011-2012

8/22/2010	Baltimore VAMC	Baltimore, MD	10 North Greene Street
8/22/2010	Bronx VAMC	Bronx, NY	130 West Kingsbridge Road
8/22/2010	Chicago (Westside) VAMC	Chicago, IL	820 S Damen Ave
8/22/2010	Pittsburgh VAMC	Pittsburgh, PA	7180 Highland Drive
8/22/2010	San Diego VAMC	San Diego, CA	3350 La Jolla Village Dr.
8/22/2010	Seattle VAMC	Seattle, WA	1660 South Columbian Way
8/22/2010	John's Hopkins	Baltimore, MD	The Hearing Center, 6th Floor, 601 North Caroline Street
8/22/2010	Weill Cornell Medical College	New York, NY	Hearing and Speech Center 1305 York Ave Fifth Floor
8/22/2010	Beth Israel Medical Center	New York, NY	10 Union Square East, Suite 2K





2. Sites contacted; 3. Approved sites posted

California

File Edit View Favorites Tools Help

Back Search Folders Folder Sync










Address G:\group\Students\AUD Students\Externs 2011-2012\A - C\California

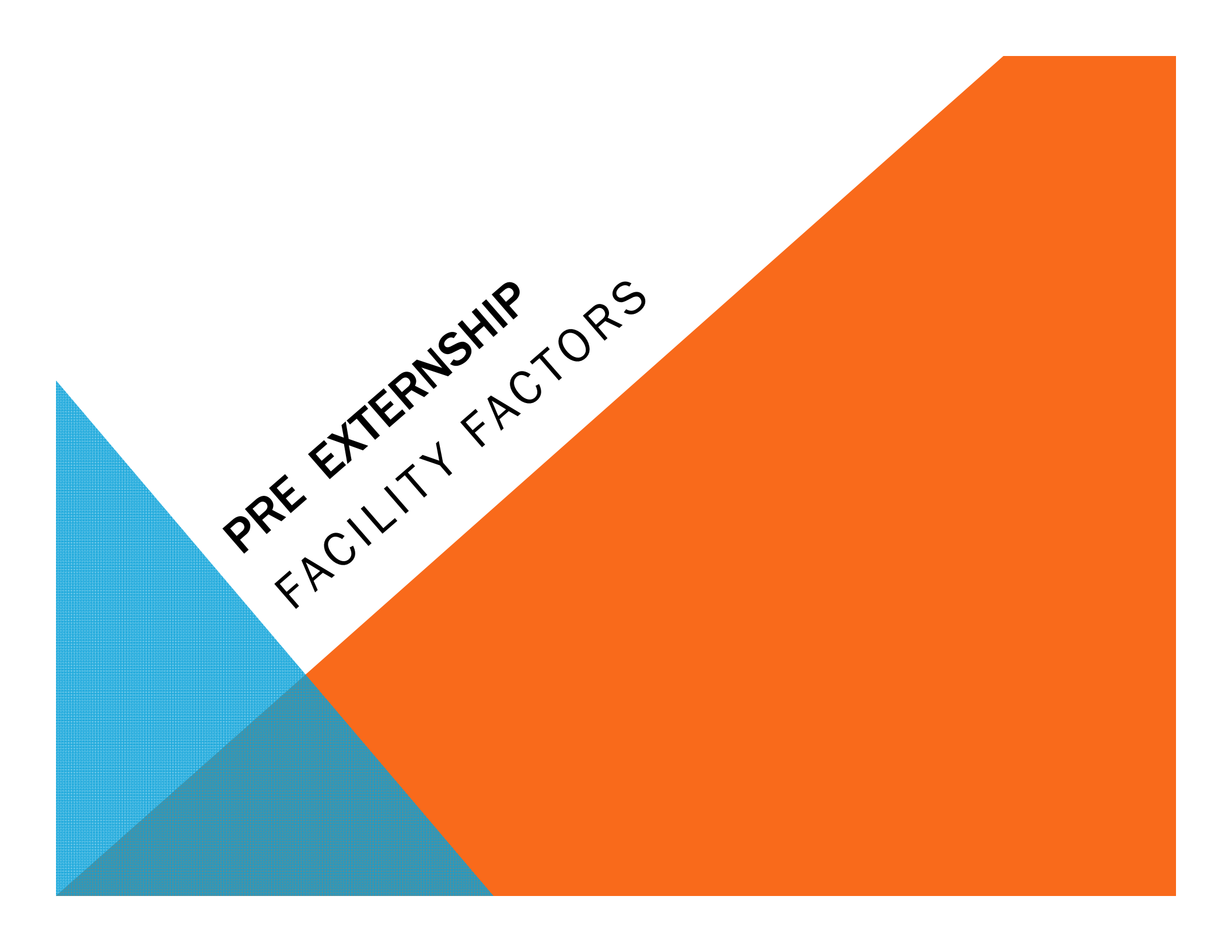
File and Folder Tasks

Other Places

- A - C
- My Documents
- My Computer
- My Network Places

Details

- | | |
|--|---|
|  Balance and Hearing CA.doc
Microsoft Office Word 97 - 20...
203 KB |  California EAR Institute.dc
Microsoft Office Word 97
203 KB |
|  House Ear Ped-CI -CA.doc
Microsoft Office Word 97 - 20...
204 KB |  Kaiser Permanente CA.pd
Adobe Acrobat Document
81 KB |
|  LPackard CH HospPalo Alto10.doc
Microsoft Office Word 97 - 20... |  newport audiology balanc
Adobe Acrobat Document
96 KB |
|  OCPHS CA.doc
Microsoft Office Word 97 - 20...
201 KB |  otonix.doc
Microsoft Office Word 97
348 KB |
|  Rady's Children SanDiego.doc
Microsoft Office Word 97 - 20...
206 KB |  riverview hearing and speech.pdf
Adobe Acrobat Document |
|  UCLA ag.doc
Microsoft Office Word 97 - 20...
203 KB |  UCSF2011-12.doc
Microsoft Office Word 97
97 KB |



**PRE EXTERNSHIP
FACILITY FACTORS**

**DOCTOR OF AUDIOLOGY PROGRAM – AUD QUESTIONNAIRE –
UTDALLAS**

We are able to host an extern for 12 months 9 months Other:

We are able to provide a stipend. Yes No Unknown

Application deadline/requirements: **apply online at www.xxxxxxxx; CV, 3 letters;**

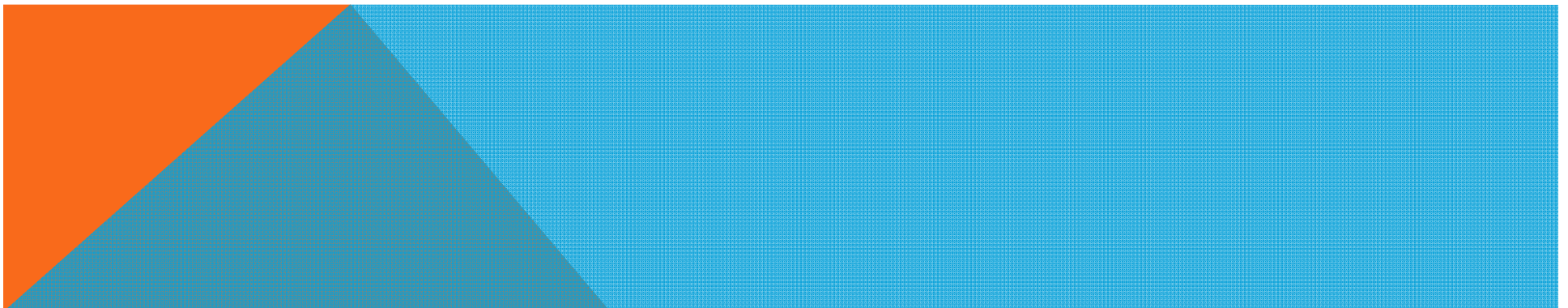
Interviews October - December,

Please check all that apply regarding your facility:

Onsite ASHA / ABA certified audiologist(s) responsible for supervising externship experience

35 hours per week of direct service provision/professional activities accessible to AuD extern.

Intern licensure required



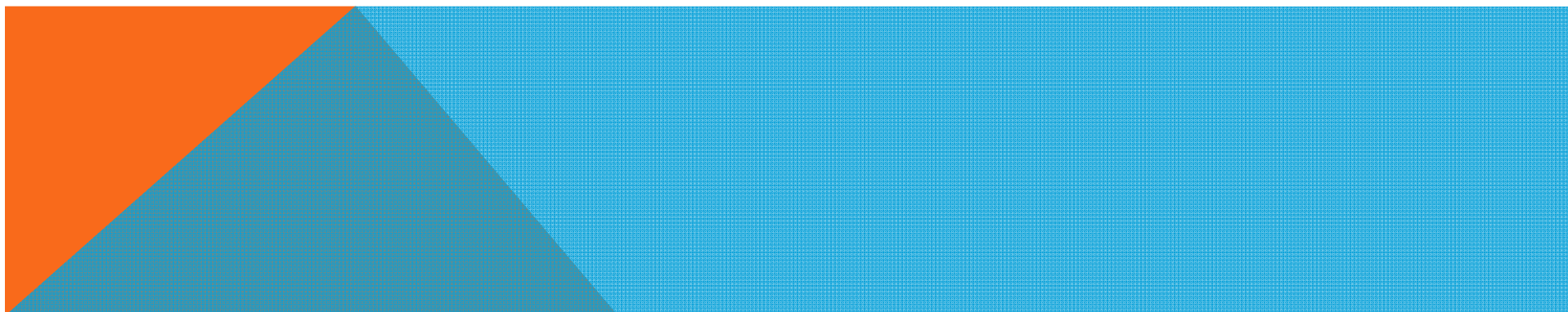
DOCTOR OF AUDIOLOGY PROGRAM – AUD QUESTIONNAIRE – UTDALLAS

Populations Served:

Geriatric Adult Pediatric School based Develop. Disabilities

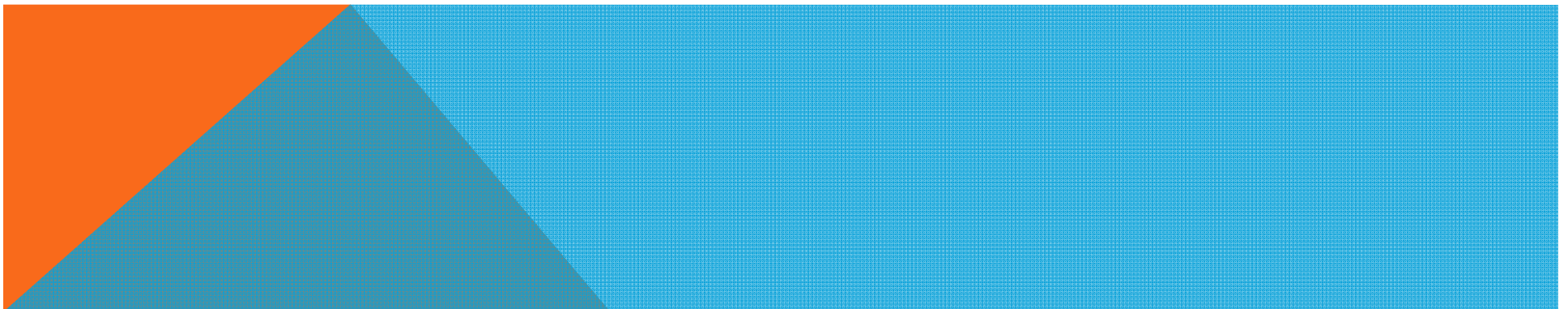
Audiological Experiences Anticipated during Externship:

<input checked="" type="checkbox"/> Diagnostic Evaluation	<input checked="" type="checkbox"/> Hrg Aid Evaluation/Dispensing
<input checked="" type="checkbox"/> Assistive Device Evaluation/Dispensing	<input checked="" type="checkbox"/> Auditory Evoked Potentials
<input type="checkbox"/> Intraoperative Monitoring	<input checked="" type="checkbox"/> Vestibular Evaluation
<input checked="" type="checkbox"/> Newborn Hearing Screening	<input checked="" type="checkbox"/> Aural (Re) habilitation
<input type="checkbox"/> Vestibular Rehabilitation	<input checked="" type="checkbox"/> Auditory Processing Disorders
<input checked="" type="checkbox"/> Cochlear Implant Program	<input type="checkbox"/> Tinnitus Assessment/Treatment
<input checked="" type="checkbox"/> Educational Audiology	<input type="checkbox"/> Other: _____



DOCTOR OF AUDIOLOGY PROGRAM – AUD QUESTIONNAIRE – UTDALLAS

- Onsite Continuing Ed Opportunities
- Disciplines on site/accessible (ENT, SLP, Psych, OT/PT _____)
- Research or student project required: _____
- UTD Students may contact us by email or in writing at this time
- Only UTD faculty may contact us directly at this time
- On-site interview required



SETTING THE STAGE: AUD CHECKLIST

The information will help prepare students and externship preceptors for the upcoming experience at your Facility.

- 7) Number of anticipated client-contact hours per week: _____
- 8) Aspects of supervision/mentoring provided at your facility:
 - a) Will extern be assigned a supervisor for all contact-hours with patients? If not, please explain how the student's skills are observed/verified and the amount of time supervisor observes and/or is directly available.
 - b) Please indicate the amount of line-of-sight supervision:
(Note 100 % line-of-sight supervision required for Medicare reimbursed services)
 - c) Please indicate the amount of time dedicated for extern-preceptor conferences to review cases, policies, and other professional issues.

SETTING THE STAGE: AUD CHECKLIST

10) Describe stipend, vacation and other benefits during the externship:

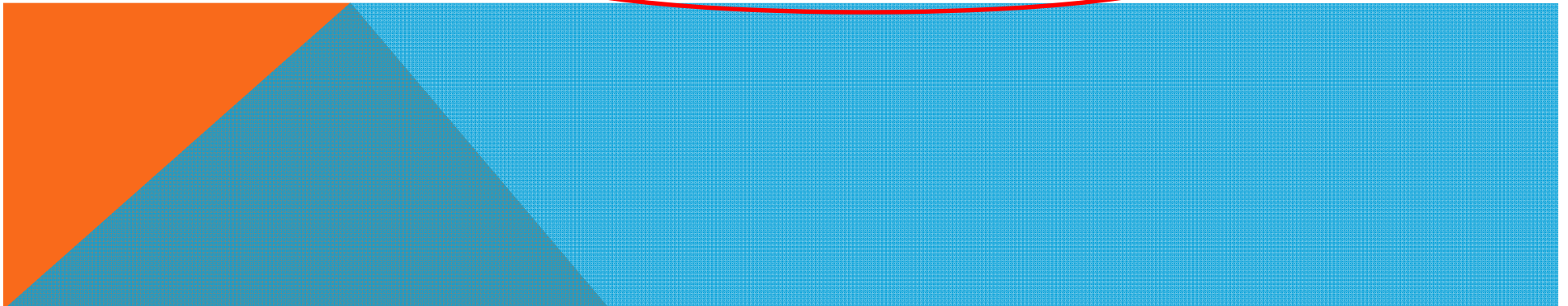
11) Describe training/orientation procedures available to student a beginning or throughout the externship:

12) List the student's consistent, projected audiologic responsibilities

13) Please describe other anticipated responsibilities (e.g. data analysis, equipment calibration, Grand Round case presentation)

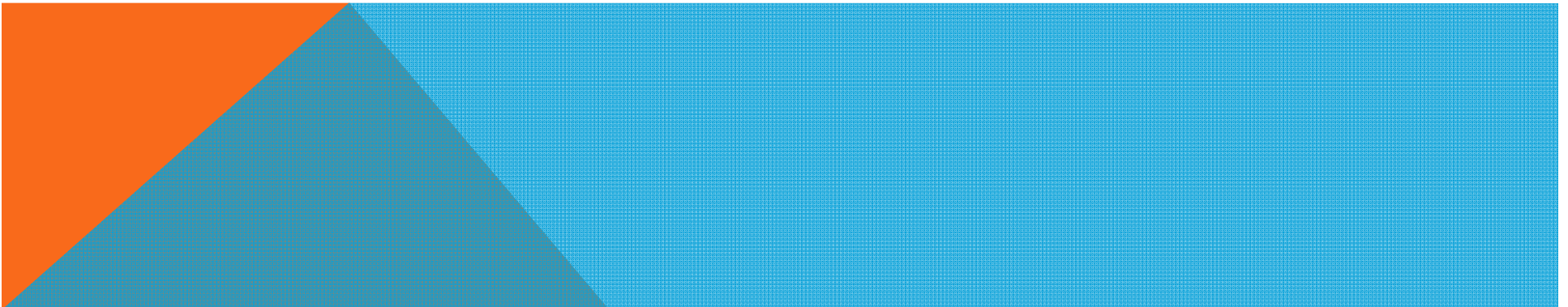
14) Please indicate the nature and scope of any long-term project

15) Please describe continuing education opportunities



SETTING THE STAGE: AUD CHECKLIST

16) List any specific audiologic competencies you deem necessary to begin externship at your facility? If available, provide copies of protocols.



SETTING THE STAGE: AUD CHECKLIST

19) Listed below are facility/preceptor obligations.

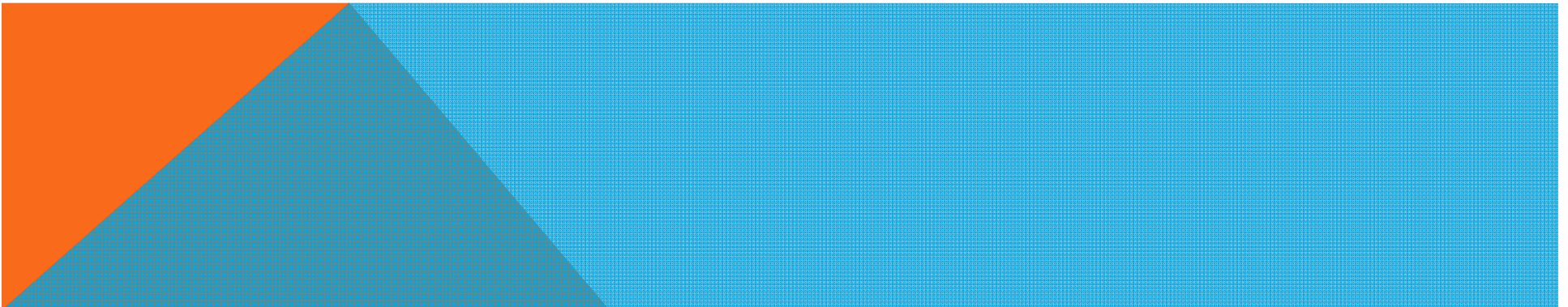
___ Provide immediate access (in person, by phone) to licensed audiologist during all cases

___ Review all charts; cosign all reports

___ Assume final responsibility for the quality of client care

___ Provide feedback to student through conferences, case review and other mentoring activities

___ Contact Program liaison (see item 16) regarding any problems with skill deficiencies, professionalism or conduct.



SETTING THE STAGE: AUD CHECKLIST

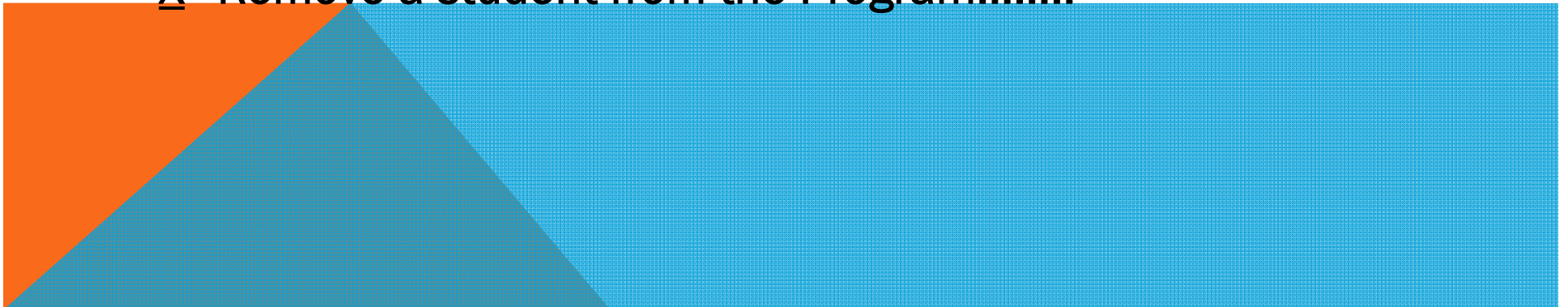
20) Listed below are STUDENT OBLIGATIONS:

- Maintain liability insurance throughout externship
- Maintain all records pertinent to certification and licensure
- Maintain records requested by the Program
- Participate in monthly conference calls with Program
- Maintain highest level of professional conduct
- Assume responsibility for learning and adhering to required protocols

SETTING THE STAGE: AUD CHECKLIST

18) Listed below are UNIVERSITY obligations

- Maintain regular contact with student designated Facility contact
- Provide facility with resources for mentoring students and direct preceptor training as requested or needed
- Address concerns expressed by students or facility and mediate conflicts if needed or requested
- Provide information requested by Facility related to students participating in the Program unless prohibited by federal or state law.
- Remove a student from the Program.....



The background features a white central area. On the left, there is a blue triangular shape with a fine grid pattern. On the right, there is a large orange trapezoidal shape. The text is positioned in the white space between these two shapes.

**DURING EXTERNSHIP
STUDENT GROWTH**

In the Beginning...Getting to Know You

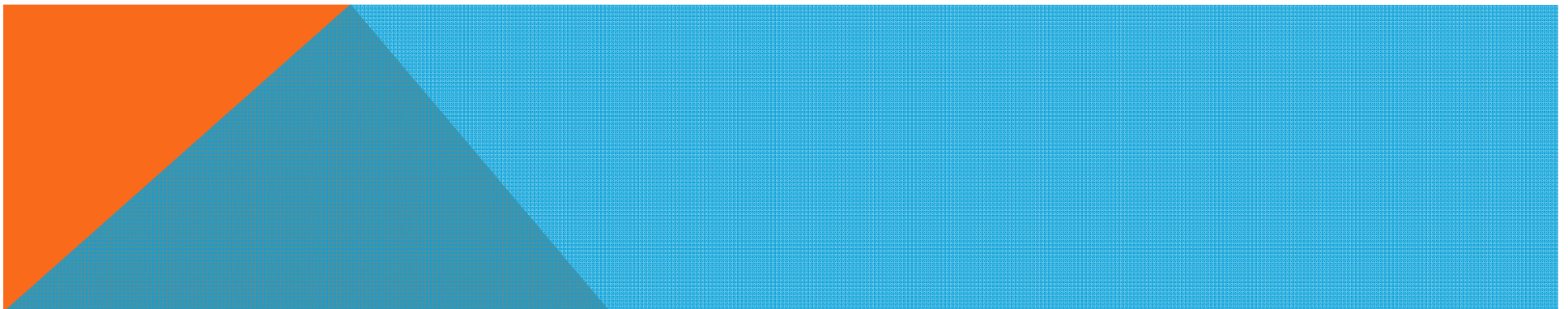
Self Assessment of Skills:

Goals Statement

Activity Tally

Clock Hours

Program Plan



Student Growth & Satisfaction

Goal Setting
Self Reflection
Case Management
Professional Voice
Clinic Decision Making

Monthly Conference Chats

Grand Rounds

Email/Phone Calls

On-site visits

Reflection Activities

**Clinical Skills -
Summary**
STUDENT

**As sessment of Readiness -
Extern sites**

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Content Area	Description	ASHA-CCC Stand IV (KASA use only)			
I	Information Gathering/ Case History	D1,D2,D3,D7, D10, D11, D15	3.75		
II	Otoscopic Examination	D4, D5, D11	4.00		
III	Pure-Tone Audiometry	D7,D11, D12	4.30		
IV	Speech Audiometry	D6, D7, D11,D12	4.20		
V	Pediatric Methods	D1,D6,D7	3.86		
VI	Masking	D7, D11	4.25		
VII	Immittance/OAE	D7,D8,D11,D12,	4.30		
VIII	Amplification - EM/Repair	E7, E8, E15	4.00		
IX	Amplification - HAF/Verif	E2,4,6,7,8,9,12,1 3,15,17,18	3.75		
X	Education/School based	E3,7,8,11,14,15,1 6			
XI	ENG/VNG	D9,12,13,17,18, E2,12	3.30		
XII	ABR	D8,12,13,17,18	3.20		
	Cochlear Implants	B1,20; D1-8,11- 13,16-18; E2- 4,6-9,13-14	2.9		

Clinical Skills - Summary Assessment of Readiness - Extern sites

XIII	Cerumen Management		4.00		
XIV	Mangement/Counseling	B1, D12, D13, D16, E2, E3, E4, E6, E13, E14, E17	4.00		**
XV	Report Writing	IV-A, D1, D16, E15	4.00		**
XVI	Professional Issues	B20, D1	4.00		
XVII	Equipment	D15, 17, 18	4.00		
	Grand Mean		4.64		

Basic Eval Summary*	4.15
Advanced Skills**	3.48
Ready to Enter Workforce	3.75

HABIT	Specific Behaviors targeted	Summary of experiences	Payoff	Comments:
Invest in the Beginning	repeat concerns to check understanding -create a “game plan” for appt outlining what we’ll do and what pt can expect	depressed pt, needs new hearing aids, cannot understand Drs, memory difficulties; Less testing - more time	Better management - summarized testing, pt understood, wrote down time frames for ENT/HAs, walked pt to info desk and secured next appt;	extremely grateful for time and written reminders -Lesson learned: HAs not always next move, -good old fashioned counseling with emphasis on pt understanding

Adapted from: *Getting the Most out of Clinical Encounters: the 4 HABITS MODEL*, (Frankel & Stein, 1999)

HABIT	Specific Behaviors targeted for inclusion	Summary of experiences	Payoff	Comments:
Demonstrate Empathy	<ul style="list-style-type: none"> -open to patient's emotion -be aware of own reactions 	<p>pt upset, tearful, HL disabling pt more than professional might initially think</p> <p>-pt. legally blind,</p>	<p>-spent hour with pt, discussing HL, plan for hearing aids, pt left smiling</p> <p>-</p>	<p>-above and beyond –felt good</p>
		<p>HA fitting: wife and pt educated and oriented to HA x3, expressed</p>	<p>Pt and wife extremely satisfied/ grateful; seemed less</p>	<p>Important to demonstrate empathy to significant others and pts</p>



**DURING EXTERNSHIP
UNIVERSITY RESPONSIBILITIES**

University of Texas at Dallas Extern Forms

Assessment of Readiness for Externship

UTD Extern Eval – Long Form –Excel version

Extern Evaluation – Short Form

Advanced Extern Eval

Student-Preceptor Interaction

UTD Extern- hour summary

Activity Tally

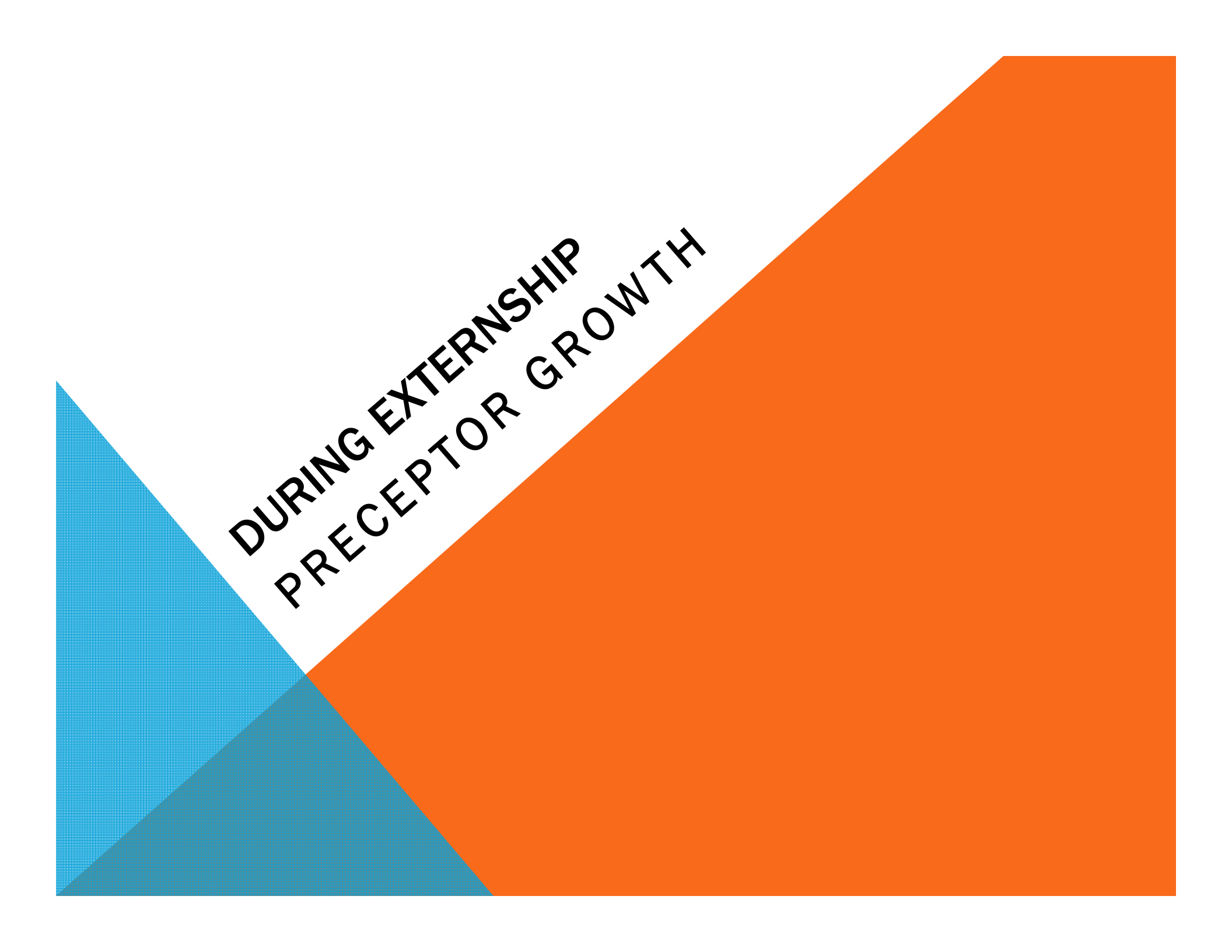
Evaluation of Extern Preceptor

Student Guide of Evaluation of Preceptor

Extern Site Evaluation Form

Evaluation OF UTD (as extern partner)

**EXTERN SUPERVISORS AWARDED ADJUNCT CLINICAL
FACULTY ASSOCIATE STATUS**



**DURING EXTERNSHIP
PRECEPTOR GROWTH**

Preceptor GUIDE to EXTERNSHIP - CD

Table of Contents

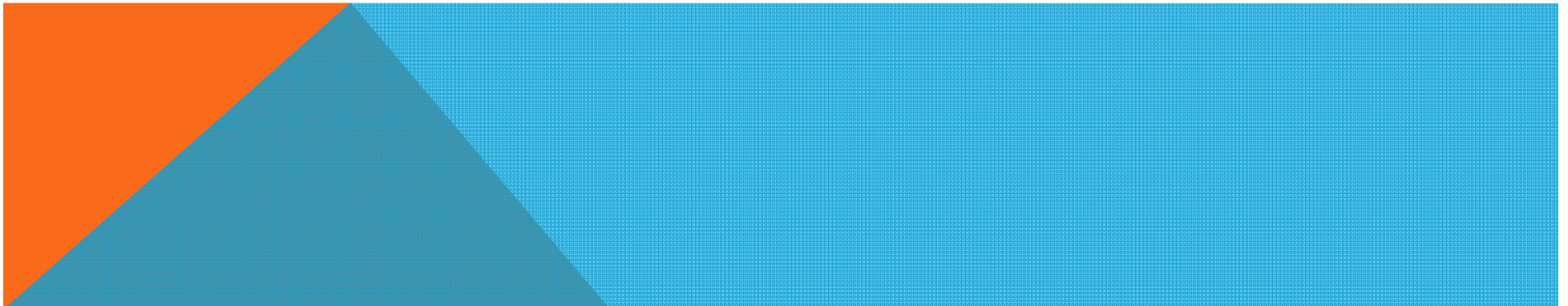
About UT Dallas

EVALUATION OF STUDENT

EVALUATION OF EXTERN SITE/PRECEPTOR

RESOURCES FOR PRECEPTOR

CCC/STATE LICENSURE



Preceptor Training and Development -CEUs

Models of Supervision

Not your Mother's Supervisor

Traits of Effective Mentors

Matching Preceptor Style & Student Skills/Needs

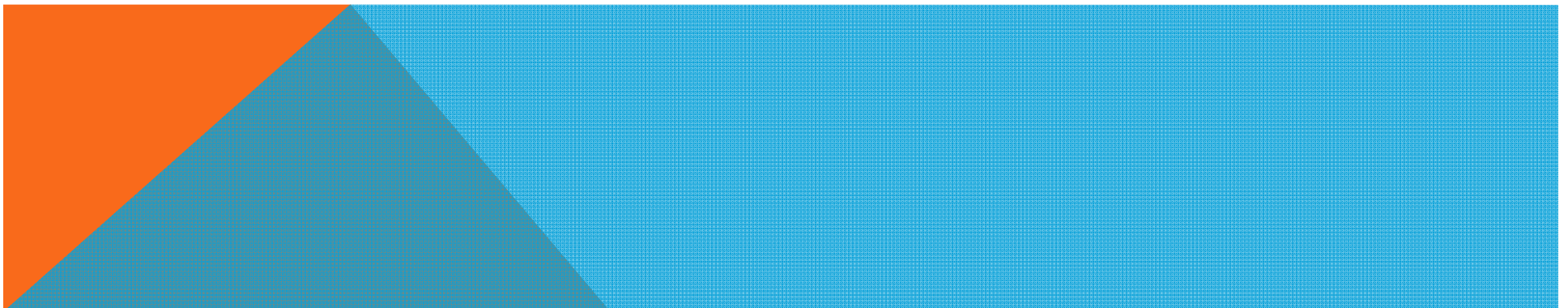
Goal Setting and Feedback

Fostering Self-Directed Learning, Reflection &

Autonomy

Conflict Resolution & Communication Hot Spots

Case Studies





**POST EXTERNSHIP
STUDENT & PRECEPTOR
PERSPECTIVES**

Evaluations

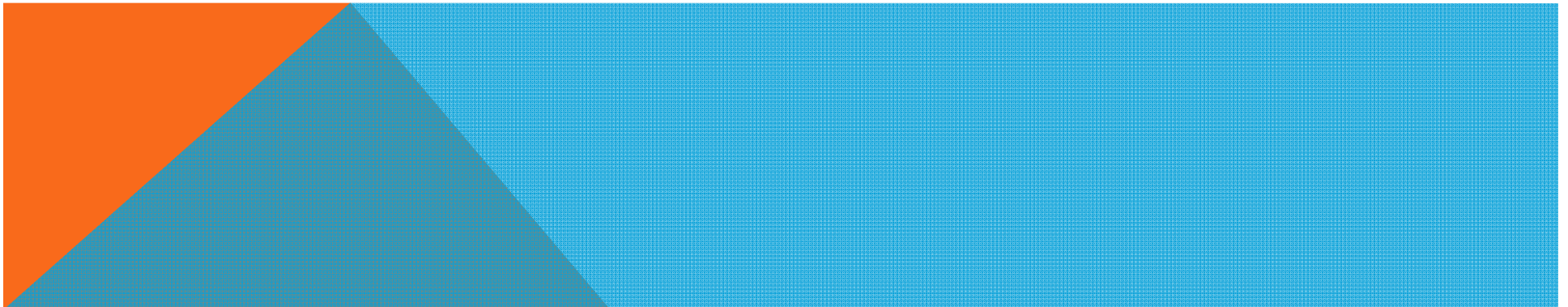
Exit Survey


Site Evaluation

Preceptor Evaluation

Post Graduate Survey

Evaluation of UTD as Extern Partner





POST EXTERNSHIP
LOOKING AT THE DATA

**Clinical Skills -
Summary**

**Assessment of Readiness -
Extern sites**

4
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Assessment Area	Description	ASHA-CCC Stand IV (KASA use only)	Mean grad 05	Mean grad 06	Mean grad 07
I	Information Gathering/ Case History	D1,D2,D3,D7, D10, D11, D15	3.44	3.50	3.60**
II	Otoscopic Examination	D4, D5, D11	4.00	3.80	4.00*
III	Pure-Tone Audiometry	D7,D11, D12	4.12	4.10	4.20*
IV	Speech Audiometry	D6, D7, D11,D12	4.10	3.70	4.00*
V	Pediatric Methods	D1,D6,D7	3.86	3.80	4.00*
VI	Masking	D7, D11	3.70	3.50	4.10*
VII	Immittance/OAE	D7,D8,D11,D12,	3.90	3.80	4.10*
VIII	Amplification - EM/Repair	E7, E8, E15	4.00	3.30	4.20**
IX	Amplification - HAF/Verif	E2,4,6,7,8,9,12,1 3,15,17,18	3.40	3.50	4.00**
X	Education/School based	E3,7,8,11,14,15,1 6	3.00	3.20	3.60
XI	ENG/VNG	D9,12,13,17,18, E2,12	3.30	2.50	3.10**
XII	ABR	D8,12,13,17,18	3.20	3.00	3.20**
	Cochlear Implants	B1,20; D1-8,11- 13,16-18; E2- 4,6-9,13-14		2.00	2.90**

Clinical Skills - Summary Assessment of Readiness - Extern sites

XIII	Cerumen Management			4.00	3.60
XIV	Mangement/Counseling	B1, D12, D13, D16, E2, E3, E4, E6, E13, E14, E17	4.00	3.20	4.00
XV	Report Writing	IV-A, D1, D16, E15	3.00	3.70	3.80
XVI	Professional Issues	B20, D1	4.00	4.60	4.40
XVII	Equipment	D15, 17, 18	4.00	4.00	4.00
	Grand Mean		3.64	3.41	3.78

**

**

Basic Eval Summary*	3.95	3.78	4.07
Advanced Skills**	3.48	3.19	3.6
Ready to Enter Workforce	3.75	3.8	3.75

The University of Texas at Dallas

EVALUATION OF CLINICAL PRECEPTOR BY AuD STUDENT

SUMMARY DATA

5 Strongly agree 4 Agree 3 Uncertain 2 Disagree 1 Strongly Disagree NA Not Applicable

This clinical supervisor:

1. Establishes and maintains an effective working relationship with me.

5 = 9 4 = 3 3 = 1

2. Assists me in developing clinical goals and objectives.

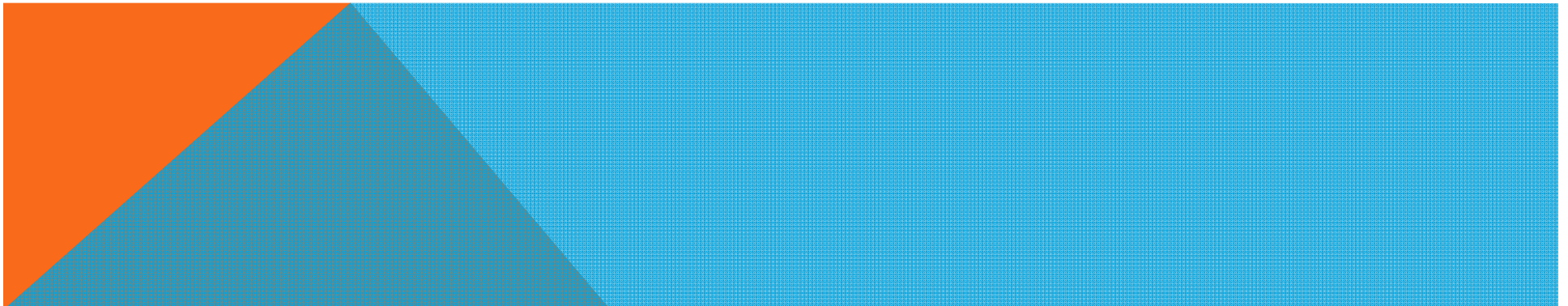
5 = 2 4 = 7 3 = 2

3. Interacts with me through supervisory conferences.

5 = 3 4 = 7 3 = 1

4. Assists me in the evaluation of my clinical performance.

5 = 9 4 = 2 3 = 1



5. Shares information regarding ethical, legal, regulatory, and reimbursement aspects of the profession.

5 = 7 4 = 5 2 = 1

6. Models and facilitates professional conduct.

5 = 12 4 = 1

7. Assists me in developing and refining clinical assessment skills.

5 = 12 4 = 1

8. Assists me in developing and refining clinical management skills.

5 = 12 4 = 1



9. Demonstrates for and participates with me in the provision of clinical services.

5 =5 4=5 3=3

10. Assists me in observing and analyzing assessment and treatment sessions.

5 =7 4=5 3=1

11. Provides appropriate feedback that targets learning objectives.

5 =6 4=7

12. Provides appropriate level of supervision that balances growth of independence with monitoring skill levels, and direct clinical teaching

5 =12 4=1

13. Assists me in developing and maintaining clinical records.

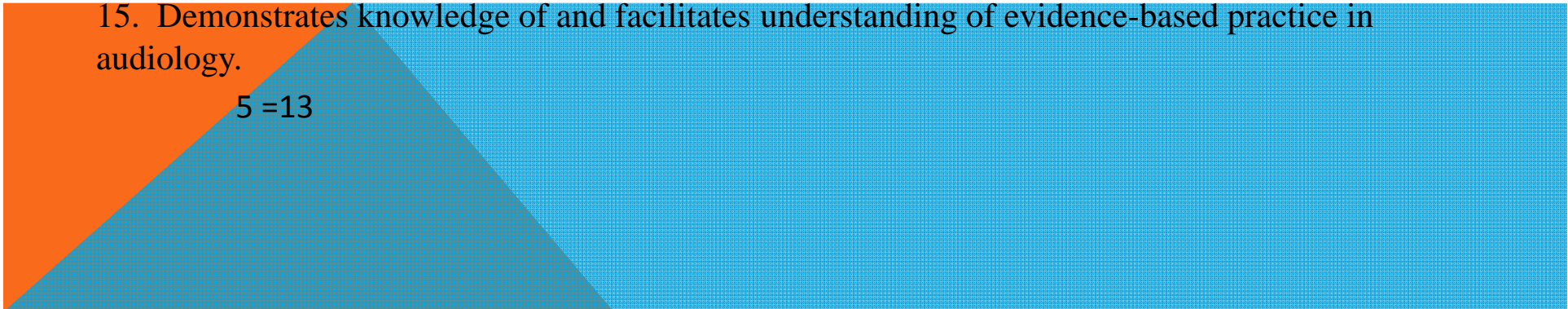
5 =13

14. Assists me in developing skills of verbal reporting, writing, and editing.

5 =8 4=5

15. Demonstrates knowledge of and facilitates understanding of evidence-based practice in audiology.

5 =13



CUMULATIVE:

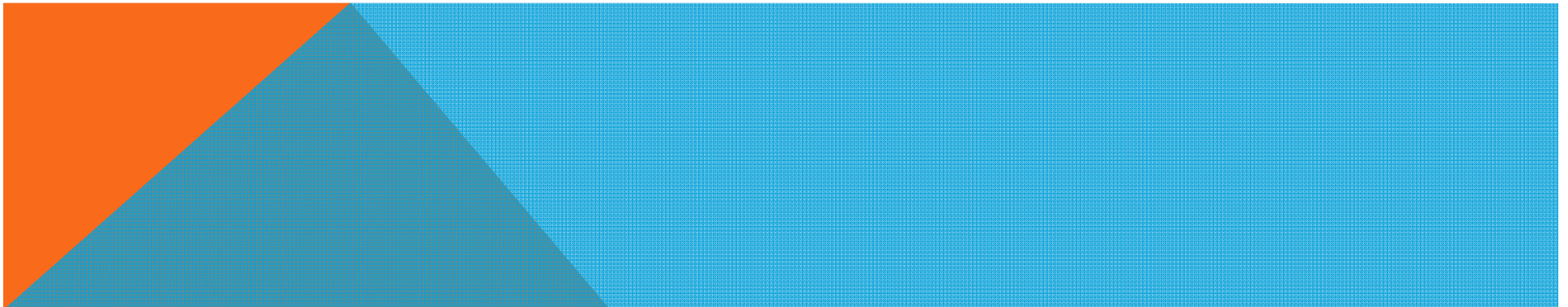
READINESS ASSESSMENTS

EXIT SURVEYS

GRADUATE SURVEYS

UTD PARTNERSHIP SURVEYS

HELP PROGRAM REDIRECT AND RECALIBRATE



LESSONS LEARNED:

Trust your gut

Have a plan

Stick to the plan

Face then help resolve conflicts – strengthens relationships

TO DO:

Improve/standardize/university-facility-student contact

