

# Attachment 4: Hallmarks of Success

<b>INDIVIDUAL</b>	
<b>IND-B1</b>	Psychosocial Variables (Including Perceptions of Culture and Environment, Identity, Attitudes, Aspirations)
<b>IND-B2</b>	Pursuit of Biomedical Science Undergraduate degree
<b>IND-B3</b>	Retention and Persistence in Biomedical Science Discipline
<b>IND-B4</b>	Participation in Undergraduate/Summer Biomedical Research Training in Labs or Similar Research Environment
<b>IND-B5</b>	Poster or Paper Presentation at Scientific Conferences
<b>IND-B6</b>	Submitted Applications & Receipt of Awards including Research Fellowships and Scholarships
<b>IND-B7</b>	Evidence of Biomedical Research Career Preparedness (grades, GRE, std. exams)
<b>IND-B8</b>	Authorship/Co-Authorship of Peer-Reviewed Publication(s)
<b>IND-B9</b>	Completion of Undergraduate Degree in Biomedical Science Discipline
<b>IND-B10</b>	Application & Acceptance to Attend Graduate Program in Biomedical Science Discipline
<b>IND-B11</b>	Entrance to Graduate Program in Biomedical Science Discipline

**INSTITUTIONAL**

<b>INSTITUTIONAL</b>	
<b>INST-B1</b>	Improved Undergraduate Retention Rates of Students in Programs Relevant to BUILD (biomedical/ behavioral sciences)
<b>INST-B2</b>	Increased Participation in Mentoring Activities (Students and Faculty) in Programs Relevant to BUILD.
<b>INST-B3</b>	Increase in Number of underrepresented Students Retained in BUILD Biomedical Research-Related Programs
<b>INST-B12</b>	Increase in Number of Student Research Training Opportunities for students and faculty in Programs Relevant to BUILD
<b>INST-B13</b>	Increase in Number of underrepresented Students Enrolled in BUILD Biomedical Research-Related Programs
<b>INST-B14</b>	Increase, enhance, and/or develop Inter-Institutional Collaborations to achieve BUILD outcomes related to research, mentorship, and faculty development (e.g., linkages with Community Colleges or other partner institutions, collaborations and postdocs at Research-Intensive partner institutions, engagement with NRMN)
<b>INST-B17</b>	Institutional commitment to BUILD sustainability evidenced by site maintenance of key elements of program interventions after grant period**
<b>INST-B18</b>	Increased institutional commitment to sustaining activities of BUILD (i.e. research infrastructure, FTE, scholarships, space), changing the academic culture, culture of faculty promotion, tenure, research development (release time), stronger emphasis on student mentoring and advising to increase institutional outcomes, curriculum improvements**
<b>INST-B19</b>	Increase enrollment and participation of underrepresented Students in biomedical research fields
<b>INST-B20</b>	Increase in participation of faculty in mentorship activities - defined as: Increase in number of faculty seeking and participating in mentor training

**FACULTY/MENTOR**

<b>FACULTY/MENTOR</b>	
<b>FAC-B1</b>	Change/Increase in self-efficacy as instructor, mentor and/or researcher
<b>FAC-B4</b>	Increase in Participation in Professional Development Activities for faculty in Programs Relevant to BUILD
<b>FAC-B8</b>	Increased Research Productivity in Grant Submissions and Awards as PI, multi-PI and/or collaborator for faculty in Programs Relevant to BUILD
<b>FAC-B9</b>	Change/Increase in BUILD, NRMN-associated faculty's scholarly productivity as reflected in publications in peer-reviewed journals and presentations at national and/or international scientific conferences
<b>FAC-B12</b>	Increase in Faculty Participation in Mentorship Activities in Programs Relevant to BUILD (may include structured activities to train the next gen of biomedical scientists) **
<b>FAC-B15</b>	Increase in the number of trainees mentored in Programs Relevant to BUILD
<b>FAC-B16</b>	Increased quality of mentoring (Student and mentor perceptions)

	<b>PSYCHOSOCIAL LEVEL</b>
<b>PSY-I1</b>	Science Identity/Researcher Identity
<b>PSY-I4</b>	Intent to pursue career in Biomedical Research
<b>PSY-I6</b>	Academic and scientific self-efficacy
<b>PSY-SN1</b>	Participation in academic and professional student organizations
<b>PSY-SN4</b>	Satisfaction with faculty mentorship
<b>PSY-SN6</b>	Social integration/Perceived fit with university setting