

# Appendix F: Training in Down Syndrome (DS) Research

Training the next generation of investigators has always been a priority for NIH, and guidance to expand training was part of Congressional appropriations report language in fiscal year 2019. The INCLUDE project codified that mandate by publishing several funding announcements to encourage predoctoral, postdoctoral, and clinical trainees and junior faculty members to apply for training support.

**Table F1: Trainees Related to the INCLUDE Project<sup>17</sup>**

<b>Fiscal Year</b>	<b># of Predoctoral Trainees<sup>18</sup></b>	<b># of Postdoctoral Trainees<sup>19</sup></b>	<b># of Clinical Trainees (M.D./Ph.D.)<sup>20</sup></b>
2018	–	–	1 <sup>21</sup>
2019	8	1	8
2020	4	2	4
2021	5	–	3

Efforts to encourage young investigators to study DS will require a continued investment in programs that support their career development. This training may include education on how to design a research project with individuals with DS for those without experience working with such a population. One goal of these efforts is to provide adequate protected time to allow such trainees to succeed, and ultimately become the established DS investigators of the future. A related and parallel effort will be needed to encourage young investigators from diverse and/or under-represented groups to choose careers in DS research, which is particularly important to ensure that the research workforce reflects the multiple races, ethnicities, and other demographic features of the national DS population.

<sup>17</sup> Some trainees may appear in more than one year if their training experience lasted 2 or more years.

<sup>18</sup> May include F31 and T32 award recipients

<sup>19</sup> May include F32, T32, and KL2 award recipients

<sup>20</sup> May include recipients of career development (i.e., K01, K99/R00), MD scholar program, or KL2 awards

<sup>21</sup> One K08 trainee received an INCLUDE supplement award in Fiscal Year 2018.