

# “Fleeting Youth, Fading Creativity: The Decline of Successful Young Scientists Could Hurt Innovation”

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**Mean Number of Months Between Receipt of Ph.D.  
and Promotion to Associate Professor**  
*Gender Differences at Critical Transitions (2009)*

<b>Discipline</b>	<b>Current Associate Professors</b>		<b>Current Full Professors</b>	
	<b>Men</b>	<b>Women</b>	<b>Men</b>	<b>Women</b>
<b>Biology</b>	<b>158</b>	<b>135</b>	<b>102</b>	<b>122</b>
<b>Chemistry</b>	<b>112</b>	<b>127</b>	<b>95</b>	<b>88</b>
<b>Civil Engineering</b>	<b>113</b>	<b>80</b>	<b>54</b>	<b>68</b>
<b>Electrical Engineering</b>	<b>110</b>	<b>77</b>	<b>78</b>	<b>85</b>
<b>Mathematics</b>	<b>66</b>	<b>101</b>	<b>80</b>	<b>88</b>
<b>Physics</b>	<b>134</b>	<b>113</b>	<b>105</b>	<b>104</b>