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| **INDEPENDENT FACTORS: V. 3** | |
| Factors | Publications |
| Age | Coyl (2009); Eidman-Aadahl & O’Donnell-Allen (2011); Hammer, Rosen, Sharon, Lankry, Huberman, & Zamtsov (2010); Ie, Haller, Langer, & Courvoisier (2012); Judd (2012); Judd (2014); Judd & Kennedy (2011); Junco & Cotten (2011); Karpinski, Kirschner, Ozer, Mellot, & Ochwo (2013); McKerral (2014); Quan-Haase (2008); Roberts & Foehr (2008); Rosen, Carrier, & Cheever (2011); Rosen, Lim, Carrier, & Cheever (2011); Schone (2009); Teo (2013) |
| Motivation and Intention   * Level of Interest * Level of Boredom * Level of Fatigue | Bowman, Levine, Waite, & Gendron (2010); Calderwood, Ackerman, & Conklin (2014); Conrad & Marsh (2014); Hammer, Rosen, Sharon, Lankry, Huberman, & Zamtsov (2010); Hembrooke & Gay (2013); Judd (2012); Judd & Kennedy (2011); Junco (2012); Junco & Cotten (2012); Logie, Trawley, & Law (2011); Roberts & Foehr (2008); Rosen, Carrier, & Cheever (2011); Rosen, Carrier, & Cheever (2011); Rosen, Lim, Carrier, & Cheever (2011); Rouis (2012); Tran, Carrillo, & Subrahmanyam (2013); Vega (2009) |
| Similarity of Modalities/Tasks   * Relevance of Content | Conrad & Marsh (2014); Fante, Jacobi, & Sexton (2013); Hembrooke & Gay (2003); Kirschner &Karpinski (2010); Rosen, Carrier, & Cheever (2011); Rosen, Lim, Carrier, & Cheever (2011); Vega (2009) |
| External Distractions   * Pressure to Respond | Bowman, Levine, Waite, & Gendron (2010); Calderwood, Ackerman, & Conklin (2014); Fante, Jacobi, & Sexton (2013); Fried (2008); Jarmon (2008); Levine, Waite, & Bowman (2007) |
| Practice/Training   * Repetition of Tasks * Frequency of Technology Use * Frequency of Multitasking | Bowman, Levine, Waite, & Gendron (2010); Conrad & Marsh (2014); Hembrooke & Gay (2003); Jarmon (2008); Judd (2012); Judd (2014); Judd & Kennedy (2011); Junco & Cotten (2012); Karpinski, Kirschner, Ozer, Mellot, & Ochwo (2013); Levine, Waite, & Bowman (2007); Lien, Robertson, & Lee (2009); Lien, Ruthruff, & Johnston (2008); Rekart (2011); Rosen (2008); Saunders (2009); Tran, Carrillo, & Subrahmanyam (2013); Vega (2009); Wood, Zivcakova, Gentile, DePasquale, & Nosko (2011) |
| Social Factors   * Gender * Class Status * International vs Local/Location * Socioeconomic Status * Race/Ethnicity * Highest Education of Parent(s) * Personality Characteristics * Household Income * Academic Discipline/ Major | Calderwood, Ackerman, & Conklin (2014); Judd & Kennedy (2011); Junco (2012); Junco & Cotten (2011); Junco & Cotten (2012); Karpinski, Kirschner, Ozer, Mellot, & Ochwo (2013); Kirschner & Karpinski (2010); Langer & Knefelkamp (2008); Quan-Haase (2008); Roberts & Foehr (2008); Rosen (2008); Wang & Tchernev (2012) |
| Time Factors   * Demands of Time * Time Constraints * Time Management Skills * Amount of Time Spent | Fante, Jacobi, & Sexton (2013); Hembrooke & Gay (2003); Judd & Kennedy (2011); Junco (2012); Junco & Cotten (2011); Lee, Lin, & Robertson (2012) |
| Availability of Media   * Demands of Attention (depends on the nature of the task/technology) | D’Agostino (2010); Fante, Jacobi, & Sexton (2013); Hembrooke & Gay (2003); Judd (2012); Roberts & Foehr (2008); Rosen (2008); Rosen, Carrier, & Cheever (2011); Sana, Weston, & Capeda (2013); Wood, Zivcakova, Gentile, DePasquale, & Nosko (2011) |
| Number of Tasks or Media | Fried (2008); Judd (2012); Judd (2014); Judd & Kennedy (2011); Rekart (2011); Saunders (2009) |
| Difficulty of Tasks | Fante, Jacobi, & Sexton (2013); Hembrooke & Gay (2003); Judd (2014); Judd & Kennedy (2011); Sana, Weston, & Capeda (2013); Tran, Carrillo, & Subrahmanyam (2013); Wood, Zivcakova, Gentile, DePasquale, & Nosko (2011) |
| Unstructured vs. Structured Use of Technology   * Class Structure | Fried (2008); Hammer, Rosen, Sharon, Lankry, Huberman, & Zamtsov (2010); Hembrooke & Gay (2003); Jarmon (2008); Junco (2012); Rekart (2011) |
| Metacognition   * Ability to Allocate Resources * Self-Monitoring/ Self-Regulation * Perception | Hembrooke & Gay (2003); Jarmon (2008); Junco (2012); Karpinski, Kirschner, Ozer, Mellot, & Ochwo (2013); Rosen (2008); Rosen, Carrier, & Cheever (2011); Rosen, Lim, Carrier, & Cheever (2011); Sana, Weston, & Capeda (2013) |
| Mental Factors   * Planning * Prioritizing tasks * Sense of Familiarity | Lee, Lin, & Robertson (2012); Logie, Trawley, & Law (2011); Neth, Khemlani, Oppermann, & Gray (2006); Parry (2013); Rosen (2008); Rouis (2012); Vega (2009) |
| Types of Software Technologies | Bowman, Levine, Waite, & Gendron (2010); Wood, Zivcakova, Gentile, DePasquale, & Nosko (2011) |

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| Pre-cusors:   * Sense of Connectivity * Sensation Seeking * Satisfaction with aspects of One’s Life * Gratifications * Individual’s Needs (Emotional, Habitual, & Cognitive) | Calderwood, Ackerman, & Conklin (2014); Junco & Cotten (2011); Quan-Haase (2008); Roberts & Foehr (2008); Rosen (2008); Rosen, Carrier, & Cheever (2011); Rouis (2012); Wang & Tchernev (2012) |