

Slide 1: Title Slide: Evidence for IPS

Slide 2: Why focus on work

(Bond & Drake, 2014)

Slide 3: Need for employment services

Interest in employment: (Bedell, Draving, Parrish, Gervery, & Guastadisegni, 1998; Drebing et al., 2004; Frounfelker, Wilkniss, Bond, Devitt, & Drake, 2011; Knaeps, Neyens, van Weeghel, & Van Audenhove, 2015; Livermore & Bardos, 2017; McQuilken et al., 2003; Mueser, Salyers, & Mueser, 2001; Ramsay et al., 2011; Rogers, Walsh, Masotta, & Danley, 1991; Westcott, Waghorn, McLean, Statham, & Mowry, 2015; Woltmann, 2009)

<20% employed: (Lindamer et al., 2003; Pandiani & Leno, 2012; Perkins & Rinaldi, 2002; Rosenheck et al., 2006; Salkever et al., 2007)

Only 2% have access: (Brown, Barrett, Ireys, Caffery, & Hourihan, 2012; Bruns et al., 2016; Druss, 2014; Twamley, Baker, Norman, Lohr, & Resnick, 2013).

Slides 4: Four Trends

Slide 5: 1. Expand evidence base

Slide 6: Day treatment conversion studies

Convert day treatment to IPS: (Bailey, Ricketts, Becker, Xie, & Drake, 1998; Becker et al., 2001; Drake et al., 1994; Drake, Becker, Biesanz, Wyzik, & Torrey, 1996; Gold & Marrone, 1998)

Convert sheltered workshop to IPS: (Oldman, Thomson, Calsaferrri, Luke, & Bond, 2005)

Slide 7: Employment outcomes in day treatment conversion studies

(Bond, 2004)

Slide 8: Other outcomes in day treatment conversion studies

(Clark, 1998; Torrey, Becker, & Drake, 1995)

Slide 9: Randomized controlled trials of IPS

23 studies listed in: (Drake, Bond, Goldman, Hogan, & Karakus, 2016)

Slide 10: List of 26 randomized control trials of IPS

(Bejerholm, Areberg, Hofgren, Sandlund, & Rinaldi, 2015; Bond, Kim, et al., 2015; Bond et al., 2007; Burns et al., 2007; Davis et al., 2018; Davis et al., 2012; Drake et al., 2013; Drake et al., 1999; Drake, McHugo, Becker, Anthony, & Clark, 1996; Gold et al., 2006; Heslin et al., 2011; Hoffmann, Jäckel, Glauser, Mueser, & Kupper, 2014; E. Killackey et al., 2018; E. J. Killackey, Jackson, & McGorry, 2008; Latimer et al., 2006; Lehman et al., 2002; Michon et al., 2014; Mueser et al., 2004; Nuechterlein et al., 2019; Oshima, Sono, Bond, Nishio, & Ito, 2014; Tsang, Chan, Wong, & Liberman, 2009; Twamley et al., 2012; Viering et al., 2015; Waghorn, Dias, Gladman, Harris, & Saha, 2014; Wong et al., 2008; Zhang et al., 2017)

Slide 11: Characteristics of 26 RCTs

Compiled for this powerpoint.

Slides 12-13: Graph of 26 RCTs; Overall findings

Slide 14: Recent systematic and meta-analytic reviews of IPS

Systematic reviews with similar conclusions: (Frederick & VanderWeele, 2019; Marshall et al., 2014; Modini, Tan, et al., 2016)

Slide 15: IPS findings similar for large cities and rural communities

(Haslett, Bond, Drake, Becker, & McHugo, 2011)

Slide 16: Other employment outcomes for IPS

(Bond, Campbell, & Drake, 2012)

Slide 17: Job tenure for IPS jobs

(Bond & Kukla, 2011; Hoffmann et al., 2014)

Slide 18: Steady employment rates in 3 long-term IPS studies

(Becker, Whitley, Bailey, & Drake, 2007; Hoffmann et al., 2014; Salyers, Becker, Drake, Torrey, & Wyzik, 2004)

Slide 19: Long-term outcomes from Mental Health Treatment Study

(Baller et al., 2017) (under review)

Slide 20: Cost-effectiveness of IPS

Summarized for this powerpoint

Slide 21: Return on investment

(Hoffmann et al., 2014)

Slide 22: Does IPS have a direct impact on mental health and well being?

(Kukla & Bond, 2013)

Slide 23: IPS improves interpersonal relationships among veterans with PTSD

(Mueller et al., 2019)

Slide 24: Impact of competitive employment on mental health and well being in general population

(Modini, Joyce, et al., 2016)

Slide 25: Impact of competitive employment on mental health and well being for people with serious mental illness

(Luciano, Bond, & Drake, 2014). See also: (Bouwman, Sonnevile, Mulder, & Hakkaart-van Roijen, 2015; Charzyńska, Kucharska, & Mortimer, 2015; van Rijn, Carlier, Schuring, & Burdorf, 2016).

Slide 26: Large-sample study of impact of employment on mental health

(Gibbons & Salkever, 2019)

Slide 27: Target subgroups served by IPS

Slide 28: IPS effective across many subgroups

(Campbell, Bond, & Drake, 2011; Campbell, Bond, Drake, McHugo, & Xie, 2010)

Slide 29: IPS is effective for clients with mental illness and substance use disorder

(Mueser, Campbell, & Drake, 2011)

Slide 30: Recent focus on young adults

WIOA (Bird, Foster, & Ganzglass, 2014)

Foster care (Ellison et al., 2015)

Coordinated specialty care for first episode of psychosis (Azrin, Goldstein, & Heinssen, 2015)

Slide 31: IPS in coordinated specialty care programs for first episode of psychosis

(Bond, Drake, & Luciano, 2015)

Slides 32: IPS for young adults (under 30) enrolled in 4 RCTs

(Bond, Drake, & Campbell, 2016)

Slide 33: Expanding IPS to new populations

Slide 34: 9 RCTs of IPS in new populations

(Bond, Drake, & Pogue, 2019)

9 RCTs: (Bejerholm, Larsson, & Johanson, 2017; Davis et al., 2018; Davis et al., 2012; Hellström et al., 2017; LePage et al., 2016; Lones et al., 2017; Ottomanelli, Barnett, & Goetz, 2014; Reme, Grasdahl, Løvvik, Lie, & Øverland, 2015; Reme et al., 2018)

Slide 35: Strategies to disseminate, implement, sustain, and expand IPS

(Becker, Baker, et al., 2007; Becker, Drake, & Bond, 2014; Becker et al., 2011; Becker, Lynde, & Swanson, 2008; Bond, Drake, Becker, & Noel, 2016b; Bond, McHugo, Becker, Rapp, & Whitley, 2008; Cohen & Becker, 2014; Drake, Becker, Goldman, & Martinez, 2006; Swanson et al., 2011; Swarbrick et al., 2017)}

Slides 36: IPS learning community

Slides 37: Map of IPS learning community states and nations

<https://ipsworks.org>

Slide 38: Benchmark for good quarterly competitive employment outcome

(Drake, Bond, & Becker, 2012)

Slide 39: IPS learning community outcomes

<https://ipsworks.org>

Slide 40: IPS fidelity

(Becker, Swanson, Reese, Bond, & McLeman, 2015; Bond, Becker, & Drake, 2011; Bond, Peterson, Becker, & Drake, 2012)

Slide 41: IPS sustainment

(Bond, Drake, Becker, & Noel, 2016a)

Slide 42: IPS learning community infrastructure, fidelity, and outcomes

(Bond, Drake, et al., 2016a)

Slide 43-44: International spread

Slide 45: IPS RCTs by continent

(Drake, Becker, & Bond, 2018)

Slide 46: Why lower employment rates in Europe?

(Burns et al., 2007; Metcalfe, Drake, & Bond, 2018)

Slide 47: VR experts rate IPS as highly relevant and highly evidence-based

(Leahy et al., 2018)

Slide 48: Overall conclusions

References

- Azrin, S. T., Goldstein, A. B., & Heinssen, R. K. (2015). Early intervention for psychosis: The Recovery After an Initial Schizophrenia Episode Project. *Psychiatric Annals*, *45*, 548-553. doi:10.3928/00485713-20151103-05
- Bailey, E. L., Ricketts, S. K., Becker, D. R., Xie, H., & Drake, R. E. (1998). Do long-term day treatment clients benefit from supported employment? *Psychiatric Rehabilitation Journal*, *22*(1), 24-29.
- Baller, J., Blyler, C., Bronnikov, S., Xie, H., Bond, G. R., Filion, K., & Hale, T. (2017). *Long-term follow-up of the Mental Health Treatment Study*. Paper presented at the 5th Annual Meeting of the Disability Research Consortium, Washington, DC.
- Becker, D. R., Baker, S. R., Carlson, L., Flint, L., Howell, R., Lindsay, S., . . . Drake, R. E. (2007). Critical strategies for implementing supported employment. *Journal of Vocational Rehabilitation*, *27*, 13-20.
- Becker, D. R., Bond, G. R., McCarthy, D., Thompson, D., Xie, H., McHugo, G. J., & Drake, R. E. (2001). Converting day treatment centers to supported employment programs in Rhode Island. *Psychiatric Services*, *52*, 351-357.
- Becker, D. R., Drake, R. E., & Bond, G. R. (2014). The IPS supported employment learning collaborative. *Psychiatric Rehabilitation Journal*, *37*, 79-85. doi:10.1037/prj0000044
- Becker, D. R., Drake, R. E., Bond, G. R., Nawaz, S., Haslett, W. R., & Martinez, R. A. (2011). A national mental health learning collaborative on supported employment. *Psychiatric Services*, *62*, 704-706.
- Becker, D. R., Lynde, D., & Swanson, S. J. (2008). Strategies for state-wide implementation of supported employment: The Johnson & Johnson - Dartmouth Community Mental Health Program. *Psychiatric Rehabilitation Journal*, *31*, 296-299.
- Becker, D. R., Swanson, S., Reese, S. L., Bond, G. R., & McLeman, B. M. (2015). *Evidence-based supported employment fidelity review manual* (3rd ed.). Lebanon, NH: Westat.
- Becker, D. R., Whitley, R., Bailey, E. L., & Drake, R. E. (2007). Long-term employment outcomes of supported employment for people with severe mental illness. *Psychiatric Services*, *58*, 922-928.
- Bedell, J. R., Draving, D., Parrish, A., Gervery, R., & Guastadisegni, P. (1998). A description and comparison of experiences of people with mental disorders in supported employment and paid prevocational training. *Psychiatric Rehabilitation Journal*, *21*(3), 279-283.
- Bejerholm, U., Areberg, C., Hofgren, C., Sandlund, M., & Rinaldi, M. (2015). Individual Placement and Support in Sweden—a randomized controlled trial. *Nordic Journal of Psychiatry*, *69*, 57-66.
- Bejerholm, U., Larsson, M. E., & Johanson, S. (2017). Supported employment adapted for people with affective disorders: a randomized controlled trial. *Journal of Affective Disorders*, *207*, 212-220.

- Bird, K., Foster, M., & Ganzglass, E. (2014). *Key provisions of the Workforce Innovation and Opportunity Act (WIOA)* (www.clasp.org/resources-and-publications/publication-1/KeyProvisionsofWIOA-Final.pdf). Retrieved from Washington, DC:
- Bond, G. R. (2004). Supported employment: Evidence for an evidence-based practice. *Psychiatric Rehabilitation Journal*, 27, 345-359.
- Bond, G. R., Becker, D. R., & Drake, R. E. (2011). Measurement of fidelity of implementation of evidence-based practices: Case example of the IPS Fidelity Scale. *Clinical Psychology: Science and Practice*, 18, 126-141.
- Bond, G. R., Campbell, K., & Drake, R. E. (2012). Standardizing measures in four domains of employment outcome for Individual Placement and Support. *Psychiatric Services*, 63, 751-757.
- Bond, G. R., & Drake, R. E. (2014). Making the case for IPS supported employment. *Administration and Policy in Mental Health and Mental Health Services Research*, 41, 69-73.
- Bond, G. R., Drake, R. E., Becker, D. R., & Noel, V. A. (2016a). The IPS Learning Community: a longitudinal study of sustainment, quality, and outcome. *Psychiatric Services*, 67, 864-869.
- Bond, G. R., Drake, R. E., Becker, D. R., & Noel, V. A. (2016b). Sustaining Individual Placement and Support (IPS) services: the IPS Learning Community. *World Psychiatry*, 15, 81-83.
- Bond, G. R., Drake, R. E., & Campbell, K. (2016). Effectiveness of Individual Placement and Support for young adults. *Early Intervention in Psychiatry*, 10, 300-307.
- Bond, G. R., Drake, R. E., & Luciano, A. E. (2015). Employment and educational outcomes in early intervention programmes for early psychosis: a systematic review. *Epidemiology and Psychiatric Sciences*, 24, 446-457.
- Bond, G. R., Drake, R. E., & Pogue, J. A. (2019). Expanding Individual Placement and Support to populations with conditions and disorders other than serious mental illness. *Psychiatric Services*, doi: 10.1176/appi.ps.201800464.
- Bond, G. R., Kim, S. J., Becker, D. R., Swanson, S. J., Drake, R. E., Krzos, I. M., . . . Frounfelker, R. L. (2015). A controlled trial of supported employment for people with severe mental illness and justice involvement. *Psychiatric Services*, 66, 1027-1034.
- Bond, G. R., & Kukla, M. (2011). Is job tenure brief in Individual Placement and Support (IPS) employment programs? *Psychiatric Services*, 62, 950-953.
- Bond, G. R., McHugo, G. J., Becker, D. R., Rapp, C. A., & Whitley, R. (2008). Fidelity of supported employment: Lessons learned from the National Evidence-Based Practices Project. *Psychiatric Rehabilitation Journal*, 31, 300-305.
- Bond, G. R., Peterson, A. E., Becker, D. R., & Drake, R. E. (2012). Validation of the revised Individual Placement and Support Fidelity Scale (IPS-25). *Psychiatric Services*, 63, 758-763.

- Bond, G. R., Salyers, M. P., Dincin, J., Drake, R. E., Becker, D. R., Fraser, V. V., & Haines, M. (2007). A randomized controlled trial comparing two vocational models for persons with severe mental illness. *Journal of Consulting and Clinical Psychology, 75*, 968-982.
- Bouwman, C., Sonnevile, C., Mulder, C. L., & Hakkaart-van Roijen, L. (2015). Employment and the associated impact on quality of life in people diagnosed with schizophrenia. *Neuropsychiatric Disease and Treatment, 11*, 2125–2142.
- Brown, J. D., Barrett, A., Ireys, H., Caffery, E., & Hourihan, K. (2012). Evidence-based practices for Medicaid beneficiaries with schizophrenia and bipolar disorder. In Washington, DC: Office of Disability, Aging and Long-Term Care Policy, Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services.
- Bruns, E. J., Kerns, S. E., Pullmann, M. D., Hensley, S. W., Lutterman, T., & Hoagwood, K. E. (2016). Research, data, and evidence-based treatment use in state behavioral health systems, 2001-2012. *Psychiatric Services, 67*, 496-503.
- Burns, T., Catty, J., Becker, T., Drake, R. E., Fioritti, A., Knapp, M., . . . Wiersma, D. (2007). The effectiveness of supported employment for people with severe mental illness: A randomised controlled trial. *Lancet, 370*, 1146-1152.
- Campbell, K., Bond, G. R., & Drake, R. E. (2011). Who benefits from supported employment: A meta-analytic study. *Schizophrenia Bulletin, 37*, 370-380.
- Campbell, K., Bond, G. R., Drake, R. E., McHugo, G. J., & Xie, H. (2010). Client predictors of employment outcomes in high-fidelity supported employment: A regression analysis. *Journal of Nervous and Mental Disease, 198*, 556-563.
- Charzyńska, K., Kucharska, K., & Mortimer, A. (2015). Does employment promote the process of recovery from schizophrenia? A review of the existing evidence. *International Journal of Occupational Medicine, 28*, 407-418.
- Clark, R. E. (1998). Supported employment and managed care: Can they coexist? *Psychiatric Rehabilitation Journal, 22*(1), 62-68.
- Cohen, M. J., & Becker, D. R. (2014). Family advocacy for recovery through employment. *Psychiatric Rehabilitation Journal, 37*, 148-150.
- Davis, L. L., Kyriakides, T. C., Suris, A. M., Ottomanelli, L. A., Mueller, L., Parker, P. E., . . . Drake, R. E. (2018). Effect of evidence-based supported employment vs transitional work on achieving steady work among veterans with posttraumatic stress disorder: a randomized clinical trial. *JAMA Psychiatry, 75*, 316-324.
- Davis, L. L., Leon, A. C., Toscano, R., Drebing, C. E., Ward, L. C., Parker, P. E., . . . Drake, R. E. (2012). A randomized controlled trial of supported employment among veterans with posttraumatic stress disorder. *Psychiatric Services, 63*, 464–470.
- Drake, R. E., Becker, D. R., Biesanz, J. C., Torrey, W. C., McHugo, G. J., & Wyzik, P. F. (1994). Rehabilitation day treatment vs. supported employment: I. Vocational outcomes. *Community Mental Health Journal, 30*, 519-532.

- Drake, R. E., Becker, D. R., Biesanz, J. C., Wyzik, P. F., & Torrey, W. C. (1996). Day treatment versus supported employment for persons with severe mental illness: A replication study. *Psychiatric Services, 47*, 1125-1127.
- Drake, R. E., Becker, D. R., & Bond, G. R. (2018). Introducing Individual Placement and Support (IPS) supported employment in Japan. *Psychiatry and Clinical Neurosciences*, doi: 10.1111/pcn.12792.
- Drake, R. E., Becker, D. R., Goldman, H. H., & Martinez, R. A. (2006). Best practices: The Johnson & Johnson—Dartmouth Community Mental Health Program: Disseminating evidence-based practice. *Psychiatric Services, 57*, 302-304.
- Drake, R. E., Bond, G. R., & Becker, D. R. (2012). *Individual Placement and Support: An evidence-based approach to supported employment*. New York: Oxford University Press.
- Drake, R. E., Bond, G. R., Goldman, H. H., Hogan, M. F., & Karakus, M. (2016). Individual Placement and Support services boost employment for people with serious mental illness, but funding is lacking. *Health Affairs, 35*, 1098-1105.
- Drake, R. E., Frey, W. D., Bond, G. R., Goldman, H. H., Salkever, D. S., Miller, A. L., . . . Milfort, R. (2013). Assisting Social Security Disability Insurance beneficiaries with schizophrenia, bipolar disorder, or major depression in returning to work. *American Journal of Psychiatry, 170*, 1433-1441.
- Drake, R. E., McHugo, G. J., Bebout, R. R., Becker, D. R., Harris, M., Bond, G. R., & Quimby, E. (1999). A randomized clinical trial of supported employment for inner-city patients with severe mental illness. *Archives of General Psychiatry, 56*, 627-633.
- Drake, R. E., McHugo, G. J., Becker, D. R., Anthony, W. A., & Clark, R. E. (1996). The New Hampshire study of supported employment for people with severe mental illness: Vocational outcomes. *Journal of Consulting and Clinical Psychology, 64*, 391-399.
- Drebing, C. E., Van Ormer, E. A., Schutt, R. K., Krebs, C., Losardo, M., Boyd, C., . . . Rosenheck, R. (2004). Client goals for participating in VHA vocational rehabilitation: Distribution and relationship to outcome. *Rehabilitation Counseling Bulletin, 47*, 162-172.
- Druss, B. G. (2014). Supported employment over the long term: from effectiveness to sustainability. *American Journal of Psychiatry, 171*, 1142-1144.
- Ellison, M. L., Klodnick, V. V., Bond, G. R., Krzos, I. M., Kaiser, S. M., Fagan, M. A., & Davis, M. (2015). Adapting supported employment for emerging adults with serious mental health conditions. *Journal of Behavioral Health Services and Research, 42*, 206-222.
- Frederick, D. E., & VanderWeele, T. J. (2019). Supported employment: Meta-analysis and review of randomized controlled trials of individual placement and support. *PLOS ONE, 14*(2), <https://doi.org/10.1371/journal.pone.0212208>.
- Frounfelker, R. L., Wilkniss, S. M., Bond, G. R., Devitt, T. S., & Drake, R. E. (2011). Enrollment in supported employment services for clients with a co-occurring disorder. *Psychiatric Services, 62*, 545-547.

- Gibbons, B. J., & Salkever, D. S. (2019). Working with a severe mental illness: Estimating the causal effects of employment on mental health status and total mental health costs. *Administration and Policy in Mental Health and Mental Health Services Research, First Online: 28 February 2019.*
- Gold, M., & Marrone, J. (1998). Mass Bay Employment Services (a service of Bay Cove Human Services, Inc.): A story of leadership, vision, and action resulting in employment for people with mental illness. In *Roses and Thorns from the Grassroots* (Vol. Spring). Boston, MA: Institute for Community Inclusion.
- Gold, P. B., Meisler, N., Santos, A. B., Carnemolla, M. A., Williams, O. H., & Kelleher, J. (2006). Randomized trial of supported employment integrated with assertive community treatment for rural adults with severe mental illness. *Schizophrenia Bulletin, 32*, 378-395.
- Haslett, W. R., Bond, G. R., Drake, R. E., Becker, D. R., & McHugo, G. J. (2011). Individual Placement and Support: Does rurality matter? *American Journal of Psychiatric Rehabilitation, 14*, 237-244.
- Hellström, L., Bech, P., Hjorthøj, C., Nordentoft, M., Lindschou, J., & Eplöv, L. F. (2017). Effect on return to work or education of Individual Placement and Support modified for people with mood and anxiety disorders: results of a randomised clinical trial. *Occupational and Environmental Medicine, 74*, 717-725.
- Heslin, M., Howard, L., Leese, M., McCrone, P., Rice, C., Jarrett, M., . . . Thornicroft, G. (2011). Randomized controlled trial of supported employment in England: 2 year follow-up of the Supported Work and Needs. *World Psychiatry, 10*, 132-137.
- Hoffmann, H., Jäckel, D., Glauser, S., Mueser, K. T., & Kupper, Z. (2014). Long-term effectiveness of supported employment: five-year follow-up of a randomized controlled trial. *American Journal of Psychiatry, 171*, 1183-1190.
- Killackey, E., Allott, K., Jackson, H. J., Scutella, R., Tseng, Y., Borland, J., . . . Cotton, S. M. (2018). Individual placement and support for vocational recovery in first-episode psychosis: randomised controlled trial. *British Journal of Psychiatry, <https://doi.org/10.1192/bjp.2018.191>* Published online: 25 September 2018.
- Killackey, E. J., Jackson, H. J., & McGorry, P. D. (2008). Vocational intervention in first-episode psychosis: individual placement and support v. treatment as usual. *British Journal of Psychiatry, 193*, 114-120.
- Knaeps, J., Neyens, I., van Weeghel, J., & Van Audenhove, C. (2015). Perspectives of hospitalized patients with mental disorders and their clinicians on vocational goals, barriers, and steps to overcome barriers. *Journal of Mental Health, 24*, 196-201. doi:10.3109/09638237.2015.1036972
- Kukla, M., & Bond, G. R. (2013). A randomized controlled trial of evidence-based supported employment: nonvocational outcomes. *Journal of Vocational Rehabilitation, 38*, 91-98.
- Latimer, E., Lecomte, T., Becker, D., Drake, R., Duclos, I., Piat, M., . . . Xie, H. (2006). Generalisability of the individual placement and support model of supported employment: Results of a Canadian randomised controlled trial. *British Journal of Psychiatry, 189*, 65-73.

- Leahy, M. J., Del Valle, R. J., Landon, T. J., Iwanaga, K., Sherman, S. G., Reyes, A., & Chan, F. (2018). Promising and evidence-based practices in vocational rehabilitation: Results of a national Delphi study. *Journal of Vocational Rehabilitation, 48*, 37-48.
- Lehman, A. F., Goldberg, R. W., Dixon, L. B., McNary, S., Postrado, L., Hackman, A., & McDonnell, K. (2002). Improving employment outcomes for persons with severe mental illness. *Archives of General Psychiatry, 59*, 165-172.
- LePage, J. P., Lewis, A. A., Crawford, A. M., Parish, J. A., Ottomanelli, L., Washington, E. L., & Ciper, D. J. (2016). Incorporating Individualized Placement and Support principles Into vocational rehabilitation for formerly incarcerated veterans. *Psychiatric Services, 16*, 735-742.
- Lindamer, L. A., Bailey, A., Hawthorne, W., Folsom, D. P., Gilmer, T. P., Garcia, P., . . . Jeste, D. J. (2003). Gender differences in characteristics and service use of public mental health patients with schizophrenia. *Psychiatric Services, 54*, 1407-1409.
doi:10.1176/appi.ps.54.10.1407
- Livemore, G. A., & Bardos, M. (2017). Characteristics of adults with psychiatric disabilities participating in the federal disability programs. *Psychiatric Rehabilitation Journal, 40*, 153-162.
- Lones, C. E., Bond, G. R., McGovern, M. P., Carr, K., Leckron-Myers, T., Hartnett, T., & Becker, D. R. (2017). Individual Placement and Support (IPS) for methadone maintenance therapy patients: a pilot randomized controlled trial. *Administration and Policy in Mental Health and Mental Health Services Research, 44*, 359-364.
- Luciano, A. E., Bond, G. R., & Drake, R. E. (2014). Does employment alter the course and outcome of schizophrenia and other severe mental illnesses? A systematic review of longitudinal research. *Schizophrenia Research, 159*, 312-321.
- Marshall, T., Goldberg, R. W., Braude, L., Dougherty, R. H., Daniels, A. S., Ghose, S. S., . . . Delphin-Rittmon, M. E. (2014). Supported employment: assessing the evidence. *Psychiatric Services, 65*, 16-23.
- McQuilken, M., Zahniser, J. H., Novak, J., Starks, R. D., Olmos, A., & Bond, G. R. (2003). The Work Project Survey: Consumer perspectives on work. *Journal of Vocational Rehabilitation, 18*, 59-68.
- Metcalfe, J. D., Drake, R. E., & Bond, G. R. (2018). Economic, labor, and regulatory moderators of the effect of Individual Placement and Support among people with severe mental illness: a systematic review and meta-analysis. *Schizophrenia Bulletin, 44*, 22-31.
- Michon, H. W., van Vugt, M., Stant, D. A., van Vugt, M. D., van Weeghel, J., & Kroon, H. (2014). Effectiveness of Individual Placement and Support for people with severe mental illness in the Netherlands: a 30-month randomized controlled trial *Psychiatric Rehabilitation Journal, 37*, 129-136.
- Modini, M., Joyce, S., Mykletun, A., Christensen, H., Bryant, R. A., Mitchell, P. B., & Harvey, S. B. (2016). The mental health benefits of employment: results of a systematic meta-review. *Australasian Psychiatry, 24*, 331-336.

- Modini, M., Tan, L., Brinchmann, B., Wang, M., Killackey, E., Glozier, N., . . . Harvey, S. B. (2016). Supported employment for people with severe mental illness: a systematic review and meta-analysis of the international evidence. *British Journal of Psychiatry*, *209*, 14-22.
- Mueller, L., Wolfe, W. R., Neylan, T. C., McCaslin, S. E., Yehuda, R., Flory, J. D., . . . Davis, L. L. (2019). Positive impact of IPS supported employment on PTSD-related occupational-psychosocial functional outcomes: Results from a VA randomized-controlled trial. *Psychiatric Rehabilitation Journal*, DOI: 10.1037/prj0000345.
- Mueser, K. T., Campbell, K., & Drake, R. E. (2011). The effectiveness of supported employment in people with dual disorders. *Journal of Dual Disorders*, *7*, 90-102.
- Mueser, K. T., Clark, R. E., Haines, M., Drake, R. E., McHugo, G. J., Bond, G. R., . . . Swain, K. (2004). The Hartford study of supported employment for persons with severe mental illness. *Journal of Consulting and Clinical Psychology*, *72*, 479-490.
- Mueser, K. T., Salyers, M. P., & Mueser, P. R. (2001). A prospective analysis of work in schizophrenia. *Schizophrenia Bulletin*, *27*, 281-296.
- Nuechterlein, K. H., Subotnik, K. L., Ventura, J., Turner, L. R., Gitlin, M. J., Gretchen-Doorly, D., . . . Liberman, R. P. (2019). Enhancing return to work or school after a first episode of schizophrenia: the UCLA RCT of Individual Placement and Support and Workplace Fundamentals Module training. *Psychological Medicine*, <https://doi.org/10.1017/S0033291718003860>.
- Oldman, J., Thomson, L., Calsaferrri, K., Luke, A., & Bond, G. R. (2005). A case report of the conversion of sheltered employment to evidence-based supported employment in Canada. *Psychiatric Services*, *56*, 1436-1440.
- Oshima, I., Sono, T., Bond, G. R., Nishio, M., & Ito, J. (2014). A randomized controlled trial of Individual Placement and Support in Japan. *Psychiatric Rehabilitation Journal*, *37*, 137-143.
- Ottomanelli, L., Barnett, S. D., & Goetz, L. L. (2014). The effectiveness of supported employment for veterans with spinal cord injury: 2-year results. *Archives of Physical Medicine and Rehabilitation*, *95*, 784-790.
- Pandiani, J., & Leno, S. (2012). *Employment of CRT clients: third quarters (Jan-Mar) of FY2000-FY2012*. Waterbury VT: Department of Mental Health.
- Perkins, R., & Rinaldi, M. (2002). Unemployment rates among patients with long-term mental health problems: A decade of rising unemployment. *Psychiatric Bulletin*, *26*, 295-298.
- Ramsay, C. E., Broussard, B., Goulding, S. M., Cristofaro, S., Hall, D., Kaslow, N. J., . . . Compton, M. T. (2011). Life and treatment goals of individuals hospitalized for first-episode nonaffective psychosis. *Psychiatry Research*, *189*, 344-348.
- Reme, S. E., Grasdahl, A. L., Løvvik, C., Lie, S. A., & Øverland, S. (2015). Work-focused cognitive-behavioural therapy and individual job support to increase work participation in common mental disorders: a randomised controlled multicentre trial. *Occupational and Environmental Medicine*, *72*, 10: doi:10.1136/oemed-2014-102700.

- Reme, S. E., Monstad, K., Fyhn, T., Sveinsdottir, V., Løvvik, C., Lie, S. A., & Øverland, S. (2018). A randomized controlled multicenter trial of individual placement and support for patients with moderate to severe mental illness. *Scandinavian Journal of Work, Environment and Health*, doi:10.5271/sjweh.3753.
- Rogers, E. S., Walsh, D., Masotta, L., & Danley, K. (1991). *Massachusetts survey of client preferences for community support services: Final report*. Retrieved from Boston: Boston University Center for Psychiatric Rehabilitation
- Rosenheck, R. A., Leslie, D., Keefe, R., McEvoy, J., Swartz, M., Perkins, D., . . . Lieberman, J. (2006). Barriers to employment for people with schizophrenia. *American Journal of Psychiatry*, 163, 411-417.
- Salkever, D. S., Karakus, M. C., Slade, E. P., Harding, C. M., Hough, R. L., Rosenheck, R. A., . . . Yamada, A. M. (2007). Measures and predictors of community-based employment and earnings of persons with schizophrenia in a multisite study. *Psychiatric Services*, 58, 315-324.
- Salyers, M. P., Becker, D. R., Drake, R. E., Torrey, W. C., & Wyzik, P. F. (2004). Ten-year follow-up of clients in a supported employment program. *Psychiatric Services*, 55, 302-308.
- Swanson, S. J., Burson, K., Harper, J., Johnson, B., Litvak, J., McDowell, M., & Weinstein, G. (2011). Implementation issues for IPS supported employment: Stakeholders share their perspectives and strategies. *American Journal of Psychiatric Rehabilitation*, 14, 165-180.
- Swarbrick, M., Wilson, L., Becker, D., Swanson, S. J., Langfitt-Reese, S., & Bond, G. R. (2017). The role of the family advocacy teams. *Journal of Vocational Rehabilitation*, 47, 13-17.
- Torrey, W. C., Becker, D. R., & Drake, R. E. (1995). Rehabilitative day treatment versus supported employment: II. Consumer, family and staff reactions to a program change. *Psychosocial Rehabilitation Journal*, 18(3), 67-75.
- Tsang, H. W., Chan, A., Wong, A., & Liberman, R. P. (2009). Vocational outcomes of an integrated supported employment program for individuals with persistent and severe mental illness. *Journal of Behavior Therapy and Experimental Psychiatry*, 40, 292-305.
- Twamley, E. W., Baker, D., Norman, S., Lohr, J., & Resnick, S. (2013). VHA vocational services for OEF/OIF veterans with mental health conditions. *Journal of Rehabilitation Research and Development*, 50, 663-670.
- Twamley, E. W., Vella, L., Burton, C. Z., Becker, D. R., Bell, M. D., & Jeste, D. V. (2012). The efficacy of supported employment for middle-aged and older people with schizophrenia. *Schizophrenia Research*, 135, 100-104.
- van Rijn, R. M., Carlier, B. E., Schuring, M., & Burdorf, A. (2016). Work as treatment? The effectiveness of re-employment programmes for unemployed persons with severe mental health problems on health and quality of life: a systematic review and meta-analysis. *Occupational and Environmental Medicine*, 73, 275-279.

- Viering, S., Jäger, M., Bärtsch, B., Nordt, C., Rössler, W., Warnke, I., & Kawohl, I. W. (2015). Supported employment for the reintegration of disability pensioners with mental illnesses: a randomized controlled trial. *Frontiers in Public Health*, <http://dx.doi.org/10.3389/fpubh.2015.00237>.
- Waghorn, G. R., Dias, S., Gladman, B., Harris, M., & Saha, S. (2014). A multi-site randomised controlled trial of evidence-based supported employment for adults with severe and persistent mental illness. *Australian Occupational Therapy Journal*, 6, 424-436.
- Westcott, C., Waghorn, G., McLean, D., Statham, D., & Mowry, B. (2015). Interest in employment among people with schizophrenia. *American Journal of Psychiatric Rehabilitation*, 18, 187-207.
- Woltmann, E. (2009). *Development and evaluation of a consumer-directed decision support system to support shared decision making in community mental health*. (dissertation), Dartmouth, Hanover, NH.
- Wong, K. K., Chiu, R., Tang, B., Mak, D., Liu, J., & Chiu, S. N. (2008). A randomized controlled trial of a supported employment program for persons with long-term mental illness in Hong Kong. *Psychiatric Services*, 59, 84-90.
- Zhang, G. F., Tsui, C. M., Jiang, A., Yu, L. B., Tsang, H. W., & Li, D. (2017). Integrated supported employment for people with schizophrenia in mainland China: a randomized controlled trial. *American Journal of Occupational Therapy*, 71, 7106100020p7106100021-7106100020p7106100028.