

# Emerging Trends: Family Formation and Gender

ANNA MATYSIAK and NATALIE NITSCHKE\*

## Abstract

Family formation is a well-studied topic in demography and the social sciences. Yet, open questions to be addressed by future research remain. Focusing on the childbearing side of family formation, we discuss how a gendered lens, which led researchers to concentrate on women's experiences, has shaped previous studies. We argue that future research can be advanced by (i) going beyond this perspective and addressing men and their experiences pertaining to work and family and by (ii) broadening research on couples in order to understand how his and her resources, values, and experiences interact in relating to family formation. Furthermore, we discuss (iii) the relevance of incorporating a larger array of macrolevel factors into studies on family formation, such as regulations affecting the practical and daily lives of families, or the cultural context of emotions and (iv) which methodological advances are needed to address the complexity of the studied processes.

## INTRODUCTION

Family formation is at the heart of the metabolism of human societies. Yet, there is no clear-cut definition of the family. The UN and the US Census define the family as a household of two or more people "related by birth, marriage or adoption" (UN, 2015; US Census, 2015), while the OECD distinguishes between "couple families," including married and cohabiting couples, and other family forms with children (OECD, 2015). Others have argued that families are increasingly spanning over more than just one household, and that household-based definitions miss these spatially spread family forms (Cherlin, 2010; Teachman, Tedrow, & Crowder, 2000). Whatever the definition, this makes it obvious that family formation entails two processes, the formation of unions among adults and the birth (or adoption) of the first and subsequent children.

In this piece, we will reflect on the current state of demographic and sociological research on family formation and discuss areas in which we see

\*Both authors contributed to the paper equally and are listed in alphabetical order.

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special potential for future investigation. There is a vast amount of research on both union formation and particularly childbearing behavior, investigating current and past trends and their antecedents and consequences in many countries and cultures across the world. We will concentrate on the literature related to childbearing, discuss union formation only in passing, and limit our (geographic) scope to couples and families in advanced societies.

## WOMEN AND MEN

Over the last several decades, Western developed countries have witnessed enormous changes in family-related behaviors, evidenced by a gradual weakening of the ties between childbearing and marriage formation, increases in cohabitation and nonmarital childbearing, postponement of the transition to parenthood, and a general decline in total fertility rates below replacement (Cherlin, 2010; Frejka & Sobotka, 2008). In response, much of the empirical research in the field of the family tried to understand the driving forces behind these changes. This research has largely focused on women's behaviors. It investigated why women increasingly opt for cohabitation instead of marriage, studied transitions from cohabitation into marriage and how these are linked with childbearing, tried to understand why women postpone their entry into motherhood, and why they have fewer births than in the past. For a long time, however, little attention has been paid to men. Guided largely by the economic reasoning of the family shaped by Becker and his collaborators (Becker, 1981; Willis, 1973), it was assumed that men's roles in the family were confined to breadwinning while most important decisions regarding the family were made by women (Greene & Biddlecom, 2000). As a result, the large majority of studies trying to understand women's childbearing behaviors focused on women's own attributes, at most "controlling" for the male partner's characteristics such as education or earnings.

Such an approach, however, limits our full understanding of family formation choices and behaviors, as it neglects the perspective and agency of men. The interest among researchers in men and their family-related behaviors started to emerge only recently. For example, researchers started to look at how men's education, position in the labor market, and earnings affect partners' conjugal and fertility choices (Blossfeld & Mills, 2010; Kalmijn, 2011) and how the rapid increase in women's educational attainment, now surpassing that of men in many advanced nations, affects men's (and women's) opportunities to find a partner (De Hauw, Grow and Van Bavel, 2015). Increasingly more research is conducted on trends in and determinants of men's involvement in the family (Cooke & Baxter, 2010; Hook, 2006; Kan, Sullivan, & Gershuny, 2011) as well as its consequences for

continued childbearing (Bernhardt, Goldscheider, & Turunen, 2014; Brodmann, Esping-Andersen, & Guell, 2007; Cooke, 2009; Duvander, Lappegard, & Andersson, 2010).

Yet, more research on men in the field of family formation is needed, for example, on the question of how men perceive and experience the benefits from and costs of forming a family. It should also inform us on how these costs and benefits shape men's intentions to form a union or have a (the next) child. Previous research has found that the stability of men's employment and men's earnings have strong and positive effects on family formation (Blossfeld & Mills, 2010; Kalmijn, 2011). We know little, however, on whether and how these effects have been changing over time and how they vary across countries. For instance, has the positive effect of men's labor market outcomes on men's family formation become less positive over time? If so, could this be linked to changes in gender relations within the couple as women's contributions to the household budget have been increasing and men have become more involved in childcare? Or conversely, has the role of men's socio-economic resources become more important as the low educated men with poor earnings prospects are becoming less likely to form a family at all? Evidence for the latter development has been found for instance for Belgium (Trimarchi & Van Bavel, 2015). What is the role of other factors for shaping men's family-related behaviors, that is, the desire to remain free and uncommitted or the desire to have a certain amount of leisure time?

We also need to better understand why men remain less involved in housework and childcare than women. The persistence of the gender gap in housework and childcare, despite the closing gender disparities in employment, results in work-family tensions experienced by women and has been argued to be one of the important factors suppressing fertility (Esping-Andersen & Billari, 2015; Goldscheider, Bernhardt, & Lappegård, 2015). Past research focused mainly on the gender gap in housework and looked largely at the role of factors that support or inhibit women's labor force participation. Extending the discussion from housework to childcare as well as extending the array of possible determinants to other areas (e.g., factors that inhibit men's involvement in the family) could shed more light on the gender disparities in involvement at home.

## COUPLES

The large majority of children today are born to couples who live together at the time of the birth of the child, either married or in cohabitation (Perelli-Harris *et al.*, 2012). Decision-making about whether to have a baby thus falls in the realm of both partners, often being a joint decision of him

and her. This implies that studying linkages between her or his socioeconomic resources such as education or employment and childbearing individually will likely not capture the underlying process fully, as partners and interactive processes between them are excluded from this perspective. Since the 1990s, a growing body of literature explicitly addressed how interactive dynamics between partners may affect childbearing behavior. What we know is that among couples, his and her fertility desires and intentions both appear to matter and predict childbearing behavior of the couple in an additive and interactive way (Testa, Cavalli, & Rosina, 2014; Thomson, McDonald, & Bumpass, 1990), and increasingly, studies investigate the underlying decision-making mechanisms among the partners. They suggest, for example, that the relative weight of her and his intentions on subsequent births varies by parity (Bauer and Kneip, 2014) or that either partner appears to have a “veto” power when he or she does not desire any further children but the partner does (Bauer & Kneip, 2013). Furthermore, the relationship between education, occupation, or income and childbearing behavior has been shown to vary conditional on the education or other socioeconomic resources of the partner (Corijn, Liefbroer, & de Jong Gierveld, 1996; Dribe & Stanfors, 2010). Studies suggest, for instance, that homogamous highly educated couples have larger second or third birth hazards in some European countries (Kreyenfeld, 2002; Nitsche, Matysiak, Van Bavel, & Vignoli, 2015). Yet, there remain many open questions in the couple-focused childbearing literature. First, the available studies cannot tell us whether highly educated homogamous couples are less likely to postpone childbearing or have more children in general and hence more research that distinguishes between the timing and the actual occurrence of events is needed. Second, future studies should investigate in greater detail whether differences in childbearing behavior of certain combinations of “power couples” (Dribe & Stanfors, 2010) may be due to when these couples form their unions and have their children or due to how stable their unions are. Third, we still know little about the underlying mechanisms of how and why the partners’ socioeconomic resources play together in couples’ childbearing decision-making. Additional studies are necessary to investigate these mechanisms in greater detail. They include testing whether certain groups of couples may differ in how much they outsource domestic and care work, whether they are matched to a larger degree on family and gender norm attitudes, or whether they may display systematic differences in relationship satisfaction, conflict resolution strategies, or value consensus. Fourth, as the focus in this literature has rather been on highly educated couples with women who work, we still know little about whether these couple dynamics operate differently among couples with lower levels of resources. Fifth, not much is known on whether the relationship between

resources and childbearing behaviors and its underlying mechanisms vary between married and cohabiting couples or between same-sex and heterosexual couples.

### METHODOLOGICAL CHALLENGES

The quantitative methods and models used in the literature on family formation up to ca. the mid-1990s offered rather alone-standing perspectives—for example focusing on life course outcomes such as marriage or the first birth one at a time, or life outcomes of groups of single individuals such as men or women, usually in isolation from the social context. This has since changed: Methods have been developed to integrate and analyze the complexity of social processes more holistically. In the field of family formation, researchers started to acknowledge (i) the interdependency of several parallel or sequential processes by modeling them jointly in the framework of multiprocess models as theoretically discussed in the life-course perspective (Elder, Johnson, & Crosnoe 2003), (ii) interdependencies between individuals or meso-level units nested in the same social context, using multilevel models (Billingsley & Ferrarini, 2014; Testa, 2014), and (iii) the interconnectedness of family members, partners, or other meaningfully connected pairs or groups of individuals using dyad models, as suggested in the linked lives paradigm (Keizer and Schenk, 2012; Miller, Severy, & David, 2004). Increasingly, greater effort is also being made to evaluate effects of policies on family formation after accounting for selection of individuals into the group of persons eligible to make use of a given policy (Rindfuss, Guilkey, Morgan, & Kravdal, 2010). In addition, investigations of how complex individual-level choices interact with each other to produce macrolevel phenomena have been brought forward. While hazard models provide us with information on which variables affect the transition of interest, they do not inform us to what extent these variables contribute to producing population-level phenomena. Microsimulation techniques and agent-based models were used for this purpose (Diaz, Fent, Prskawetz & Bernardi, 2011; Rindfuss *et al.*, 2010; Thomson, Winkler-Dworak, Spielauer, & Prskawetz, 2012). These methods are great achievements and have led to many new insights but they are not without limitations. Further developments in the methodological realm of family formation are necessary.

For instance, (i) multiprocess models helped us to better understand the causal relations between individual's behaviors and observe how choices in one life sphere affect individuals' behaviors in another sphere. This method allows to account for selection of individuals into the population at risk of experiencing an event (e.g., most persons who are at risk of a first birth have formed a partnership first). It also controls for the unobserved

characteristics of individuals that may jointly affect individuals' behaviors in several life spheres, such as union formation behaviors and childbearing. If not accounted for these characteristics will confound the observed relationships between events experienced by individuals in those life spheres. However, multiprocess models also have certain drawbacks that seriously limit possibilities for their application. First of all, the estimation process is computationally very intensive and often results in convergence problems and the time needed for estimation increases exponentially with an increase in the number of processes studied. Second, identification of multiprocess models usually requires repeated events and relies on the assumption that the unobserved heterogeneity term is constant over time. More research is thus needed in order to eliminate these shortcomings. One step in this direction can be the use of Bayesian estimation techniques such as MCMC (Markov chain Monte Carlo), as it was proposed by Gottard, Mattei, and Vignoli (2015).

The application of multilevel models (2 and 3) allowed to account for the interdependency of observations, which are nested in the same setting, for example, family, household, region, or country and thus share some similar characteristics that may otherwise not be easily captured by researchers. This approach also contributed strongly to our understanding of how the social context affects union formation and birth transitions. So far, most of the research concentrated on the effects of the country-specific context on individual behaviors (Billingsley & Ferrarini, 2014; Soons & Kalmijn, 2009; Testa, 2014). More recently, however, multilevel models have increasingly been used to also account for interdependencies between partners in couples individuals and to study crossover effects, that is, effects of the characteristics of one partner on fertility intentions or union satisfaction of the other (Miller, Severy, & David, 2004, Kezier and Schenk 2012). This enables the modeling of explicit couple-level effects while modeling interactive effects between the partners themselves, and a wider use of this method would tremendously enrich the couple-centered literature. More attention is, however, needed in the future applications of the multilevel models as pooling of countries, regions, or couples introduces a great deal of between-unit (e.g., between-country or between-couple) variation. Decomposition of the total effects into within-unit and between-unit effects is recommended to avoid producing estimates that are confounded by between-unit variation in the dependent and independent variables.

Finally, future methodological developments in the field of family formation are needed in order to disentangle between timing and quantum effects. While some individuals may only postpone union formation or entry to parenthood, others may never experience it. A failure to distinguish between the postponement and nonoccurrence of the event makes it difficult to conclude

whether the predictor variables considered in the models only lead to a delay in the occurrence of the studied event or whether they prevent it from ever occurring. For instance, event history models may tell us that highly educated women are usually more likely to postpone the first birth, but they do not inform us whether they are also more likely to remain childless.

## MACROLEVEL FACTORS: SOCIAL POLICIES AND CULTURE OF EMOTIONS

Family formation processes are embedded in the whole of the surrounding social context. It has long been theorized and shown in empirical applications that social structure and culture are significantly linked to family formation behavior. Yet, it has recently been argued that culture is much more than single social norms or institutionalized practices, namely, that culture "is an interdependent web of meanings that is structured in consequential ways" (Bachrach, 2014, p. 5). We follow Bachrach in arguing that while many cultural aspects, specifically more easily measurable components such as social policies or social norms, have already been incorporated into family formation analysis, "the importance of culture for demographic outcomes" (ibid.) has not been fully appreciated yet in research on family formation and much work remains to be done in that area. This applies both to how cultural aspects have been conceptualized, for example, rather in single pieces ("norms," "institutions") than from a more holistic perspective, as well as to missing cultural elements that may widen our understanding of how culture shapes family formation behaviors and how cross-national differences in family formation may come about (Bachrach, 2014). In the following section, we discuss emerging trends in a very specific and well-studied area of macrolevel structure, namely, social policies. Thereafter, we will present our ideas regarding the much more neglected cultural context of emotions.

### SOCIAL POLICIES

Much attention has been paid to institutional elements such as work–family reconciliation policies, which, at least theoretically, are designed to lower opportunity costs of parenting and therefore expected to have an impact on specifically childbearing behavior. Researchers looked into effects on fertility of childcare provision, maternity, and parental leave schemes, availability and quality of part-time employment, or workplace policies. These studies either found conflicting evidence or only small positive effects of reconciliation policies on fertility. Furthermore, it remained unclear whether studied policies affected only the timing of births or the number

of children eventually born (Gauthier, 2007; Kalwij, 2010; Thevenon & Gauthier, 2011). It thus seems there are many other factors, largely unaddressed in research, which affect how individuals and couples can reconcile work and family and, in extension, impact couples' decisions on whether to add a/an (additional) child to their family. They include regulations affecting matters of the practical and daily life of families, specifically those that can contribute to turning attending to a career and child-rearing simultaneously into a more stressful and mutually exclusive endeavor. These are, for instance, poor commuting infrastructure, lengthening travel time between workplace and home (Huinink & Feldhaus, 2012) or rigid regulations on opening hours limiting access to supermarkets or services such as post offices, health care, or extracurricular activities for children. Such rigidities may gain in importance with increasing expectations toward parents to invest in their children (Leigh, Pacholok, Snape, & Gauthier, 2012) and in the "work-devotion" cultures where long working hours and devotion to paid work are highly rewarded (Blair-Loy, 2003; Pedulla and Thebaud, 2015). While representative data on these issues is not readily available, it can be collected and would further advance our understanding of the impact of institutional and macrolevel cultural factors on family formation.

#### THE CULTURAL CONTEXT OF EMOTIONS

Another cultural aspect, largely neglected to date in sociology and demography in general and the research on family formation in particular, is the role of emotions, both on the individual and on the macrolevel (Massey, 2002). Emotions likely play a chief role in relationship formation and childbearing considerations of individuals and couples (Basu, 2006), given that they have been shown to be important for other decision-making processes (Isen & Means, 1983; Loewenstein, 2000). On the individual level, emotions such as a desire for a baby ("baby fever") may drive the decision to try to become pregnant (Brase & Brase, 2012). Drops in subjective well-being of parents around the time of their first birth in Germany have for instance been shown to be predictive of a depressed second birth hazards later on (Margolis & Myrskylä, 2015). Yet, subjective emotional experiences are a largely neglected but perhaps central piece in understanding variance in childbearing behavior, both within and between countries. We suggest that paying more attention to emotion and emotional expression and management as a cultural phenomenon on the macro-level would be fruitful for broadening our understanding of what drives cross-cultural differences in family formation behaviors. While there is debate in social psychology on whether emotions are biologically innate or socially constructed, it has been argued that subjective emotional experiences do not develop in a vacuum but that they are influenced by



their social surroundings (Thoits, 1989; Turner, 2009). Cultures appear to have distinct ideas of how emotions should be dealt with and can be acceptably expressed and regulated (Bowie *et al.*, 2013; Jenkins & Karno, 1992). We therefore think that investigating emotion-culture may hold one of the keys for a deeper understanding of, for example, the way parents emotionally perceive the upbringing of their first child in the social context they live in. Teaching young children emotional regulation and coping with their emotional displays, particularly in public spaces, may be perceived as more or less stressful to parents dependent upon the emotional culture of the society. The emotional culture may affect how accepting and supportive others—from grandparents, teachers, service personnel in public places to bystanders and strangers—may react to children and emotional interactions between parents and children. For instance, if parents perceive handling children in public as stressful due to repeated reactions that are perceived as unfriendly and unsupportive, they may be less inclined to progress to having an additional child. This could be a factor in understanding variations in second birth progressions across Europe. While survey data used for demographic analysis sometimes includes questions on the emotional states and experiences of individuals, we do not know of any survey data providing information on emotional culture or norms pertaining to emotional expression and regulation. Thus, we suggest that future studies and data collection should attempt to expand on the array of possible contextual and cultural factors that may affect work–family conflict.

## CONCLUSIONS AND OUTLOOK

In this reflection on current and future relevant directions of research on family formation, we have covered a few areas in which we see specific potential for further developments. This means that we made a deliberate selection based on our very own interests and perceptions, and does not imply that the areas we have not discussed at all are of less relevance. They include topics such as the diversification of family forms, for example, homosexual families or step-families and adoptions, network influences on family formation behaviors, and research on the biological underpinnings of and their relevance for union formation and childbearing behaviors.

We would like to close with a comment on implicit and hidden assumptions, a comment that applies to future developments in all research areas alike. As has been pointed out long ago, theories and approaches to empirical research in the behavioral sciences are usually built on assumptions, and only some of those are made explicit, while others remain unsaid and sometimes unreflected upon (Slife & Williams, 1995). We would like to encourage ourselves and other social scientists and family demographers

to challenge ourselves and become more aware of and explicit about those unreflected assumptions we have yet that likely shape our selection of topics to study, research questions, theories, methods, and interpretations of findings. For example, the previously pronounced concentration of family formation research on women in both data collections and empirical studies was likely based on the socially constructed idea that women are primarily responsible for childbearing and child-rearing and thus need to be in the focus of this type of research. Of course, this is not the case and the field has been changing accordingly to increasingly include data collection and studies on men and couple dynamics. Taking the idea of gendered “separate spheres” as a given reality may have been overcome in family demography in the twenty-first century. Yet we believe that thinking deeply about which implicit assumptions are guiding our choices in the research we conduct every day may help us to opening up new directions and perspectives in family demography and beyond.

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#### ANNA MATYSIAK SHORT BIOGRAPHY

**Anna Matysiak** is a research scientist at the Wittgenstein Center, Vienna Institute of Demography (ÖAW) and an assistant professor at the Warsaw School of Economics, Institute of Statistics and Demography. She received her PhD in economics in 2009. Her research interests cover family dynamics and its interrelationships with socioeconomic position of individuals, their quality of life, gender, and the institutional context of the country. She published mostly on the effects on the interdependencies between women's labor force participation and family formation/dissolution, work–family conflict, consequences of family formation on subjective well-being, and diffusion of new family forms.

#### NATALIE NITSCHKE SHORT BIOGRAPHY

**Natalie Nitsche** is a postdoctoral associate at the Wittgenstein Center, Vienna Institute of Demography (ÖAW). She earned her PhD in sociology from Yale University in 2014. Her research interests include family and couple dynamics such as union formation, childbearing behavior, and the division of paid and unpaid work between partners. She is specifically interested in understanding how these family processes change over the life course and over generations, and how they relate to educational and employment trajectories of individuals and groups.

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